

AGENDA
CURRICULUM COMMITTEE
Tuesday, August 23, 2005
Noon, Doc Bryan Student Services Center, Room 242

- I. Call to Order
 - A. Approval of Minutes for the May 6, 2005, meeting
 - B. Election of Chair
 - C. Election of Secretary
 - D. Consideration for Recording Secretary
 - E. Approval of Meeting Day and Time

- II. New Business
 - A. Curriculum approval process, curriculum check list and due dates, proposal for course change, and format for curriculum change - Dr. Jack Hamm, Vice President for Academic Affairs

 - B. Assessment of general education goals - Dr. David Underwood, Associate Vice President for Academic Affairs, and Dr. Carey Roberts, 2005-06 Assessment Committee Chair

- III. Adjournment

**Minutes of
Curriculum Committee
Of
Arkansas Tech University**

The Curriculum Committee met in Room 242 of the Doc Bryan Student Services Building on Tuesday, August 23, 2005, at noon. The following members were present: Dr. Sherman Alexander, Dr. Randy Kirkpatrick, Dr. Micheal Tarver, Ms. Jennifer Helms, Dr. David Hoelzeman, Dr. Tim Carter, Dr. Glen Bishop, Dr. Richard Smith, Dr. Tom Nupp, Dr. Cathy Baker, Dr. Deborah Wilson, Dr. Lyman Harris, and Ms. Tammy Rhodes. Nicole Goodlett and Lance Fetters were absent. Dr. Jack Hamm, Dr. David Underwood, Dr. Carey Roberts, and Ms. Pat Chronister were guests.

CALL TO ORDER

Dr. Nupp called the meeting to order and asked for a motion to suspend the order of the agenda to allow Dr. Hamm to discuss the curriculum approval process and Dr. Underwood and Dr. Roberts to discuss assessment of general education goals. Motion by Dr. Carter, seconded by Dr. Wilson, to suspend the order of the agenda. Motion carried.

Dr. Hamm welcomed the membership and asked Committee members to introduce themselves. He indicated that the addition of the Eight Semester Guaranteed Degree Programs has created a need to review the forms used to submit curriculum changes to the Committee. Samples of forms with suggested updates were distributed. Dr. Hamm asked the Committee to consider accepting the changes to the forms.

Dr. David Underwood addressed the Curriculum Committee. He indicated that the current general education goals, outlined on page 74 of the 2004-05 Tech Undergraduate Catalog, have not been evaluated in the last ten years. The University Assessment Committee is requesting the Curriculum Committee to review and if necessary revise the general education objectives and to develop a mechanism for a regular review process. Dr. Underwood indicated that he could provide the Committee with two resources: a 28-page monograph from the Association of American Colleges and Universities and five journal articles through Proquest. He suggested the Committee look at goals outlined in each program accreditation. He clarified that the Assessment Committee does not determine the goals but assists the University in determining how to measure the goals.

Dr. Carey Roberts, Assessment Committee Chair, addressed the Curriculum Committee. He indicated that he, members of the Assessment Committee, and a graduate assistant assigned to the Assessment Committee would serve as resources to assist the Curriculum Committee in the review process.

APPROVAL OF MINUTES

At this time, the order of the agenda resumed. Dr. Nupp asked for action to approve the minutes from the meeting on Friday, May 6, 2005, as distributed. Motion by Dr. Smith, seconded by Dr. Carter. Motion carried.

NEW BUSINESS

Dr. Nupp asked for nominations for the position of Chair. Dr. Smith nominated Dr. Bishop. Motion by Dr. Wilson, seconded Dr. Carter, to cease nominations and elect Dr. Bishop to the position of Chair by acclamation. Motion carried.

Dr. Nupp asked for nominations for the position of Secretary. Dr. Wilson nominated Dr. Smith. Motion by Dr. Carter, seconded by Dr. Bishop, to cease nominations and elect Dr. Smith to the position of Secretary by acclamation. Motion carried.

Dr. Nupp made the request to consider a Recording Secretary. Dr. Carter made the motion, seconded by Dr. Harris, to request Ms. Rhodes act as Recording Secretary. Motion carried.

Dr. Nupp offered advice to the new chair and read a memo from the Faculty Senate Chair requesting Curriculum Committee representation at Faculty Senate meetings.

Dr. Bishop asked for a motion to approve the curriculum forms submitted to the Committee by Dr. Hamm. Motion by Ms. Helms, seconded by Dr. Wilson, to approve the forms with addition of a statement regarding assistance from Academic Affairs in identifying courses used in other departments in Proposal B item D and in the checklist. In the checklist make the statement item 10 and change the current item 10 to item 11. Motion carried.

The Committee discussed a meeting day and time. The Committee decided to meet again on Friday, September 16, to discuss how to proceed with review of the general education goals. The Committee will also consider curriculum proposal changes if available.

ADJOURNMENT

The meeting adjourned at 2:10 p.m.

Sincerely,

Dr. Glen Bishop, Chair

Dr. Richard Smith, Secretary

AGENDA
CURRICULUM COMMITTEE
Friday, September 16, 2005
3 p.m., Pendergraft, Room 325

- I. Call to Order
 - A. Approval of Minutes for the August 23, 2005, meeting
 - B. Elect Chair-Elect
 - C. Elect Representative for Faculty Senate
 - D. Approval of Meeting Day and Time

- II. New Business
 - A. Request for Course Credit for Intercollegiate Sports

 - B. Curricular Items
 - 1. Department of Social Sciences and Philosophy
 - a. add a minor in Geography requiring the following: GEOG 2013, Regional Geography of the World; GEOG 2023, Human Geography; and 12 hours of Geography of electives with no more than 3 hours in GEOG 4991-4, Special Problems in Geography.

 - 2. Department of Speech, Theatre, and Journalism
 - a. change the title for SPH 3073, Group Discussion, to SPH 3073, Group Communication, and change the course description.

 - C. Discuss Process for Review of General Education Goals

- III. Adjournment

**Minutes of
Curriculum Committee
Of
Arkansas Tech University**

The Curriculum Committee met in Pendergraft, Room 325, on Friday, September 16, 2005, at 3 p.m. The following members were present:

Dr. Sherman Alexander, Dr. Randy Kirkpatrick, Dr. Micheal Tarver, Ms. Jennifer Helms, Dr. David Hoelzeman, Dr. Tim Carter, Dr. Glen Bishop, Dr. Richard Smith, Dr. Cathy Baker, Dr. Lyman Harris, Ms. Tammy Rhodes, Nicole Goodlett, and Lance Fetters were present. Dr. Deborah Wilson was absent. Dr. Donna Vocate was a guest.

CALL TO
ORDER

Dr. Bishop called the meeting to order and asked that each member introduce themselves. Dr. Bishop indicated that Dr. Smith represented the Curriculum Committee at the Faculty Senate Meeting on September 15, 2005. Dr. Bishop asked Dr. Smith to report.

REPORT
FROM
FACULTY
SENATE

Dr. Smith indicated that the Faculty Senate recommended electing a Chair-Elect to the Curriculum Committee to assist with the transition of the Committee at the end of each year. He reported that the Faculty Senate suggested a change to the proposed forms used to submit curriculum proposals.

APPROVAL OF
MINUTES

Dr. Bishop asked for action to approve the minutes from the meeting on Tuesday, August 23, 2005, as distributed. Motion by Dr. Carter, seconded by Dr. Smith, to approve the minutes with corrections. Motion carried.

Dr. Bishop asked for nominations for the position of Chair-Elect. Dr. Baker nominated Dr. Tarver for the position Chair-Elect. Motion by Dr. Carter, seconded by Dr. Smith, to cease nominations and elect Dr. Tarver to the position of Chair-Elect by acclamation. Motion carried.

Dr. Bishop asked for nominations for the Curriculum Committee Representative to Faculty Senate. Dr. Smith indicated that he could continue to represent the Committee at Faculty Senate meetings. Motion by Mr. Fetters, seconded by Ms. Goodlett, to elect Dr. Smith as Curriculum Committee Representative for Faculty Senate. Motion carried.

Dr. Bishop asked for the order of the agenda to be suspended so that Dr. Vocate could present the proposal from the Department of Speech, Theatre, and Journalism.

Motion by Dr. Tarver, seconded by Dr. Hoezleman, to allow Dr. Vocate to suspend the order of the agenda. Motion carried.

CURRICULAR
ITEM

Department of Speech, Theatre, and Journalism

Motion by Dr. Harris, seconded by Dr. Hoelezman, to approve changing the title from SPH 3073, Group Discussion, to SPH 3073, Group Communication, and change the course description. Motion carried.

MEETING
TIME & DATE

Dr. Bishop asked to resume the order of the agenda and discuss the meeting day and time for future meetings. Ms. Rhodes indicated that she had reviewed each Committee member's schedule and concluded that the only common time available was Fridays at 3:00 p.m. The decision was made to hold the next meeting on Friday, October 7, at 3 p.m.

NEW BUSINESS:
CURRICULAR
ITEMS

Intercollegiate Activity Credit

Motion by Dr. Hoezleman, seconded by Mr. Fetters, to approve the request for course credit for intercollegiate sports. After discussion, Dr. Hoezleman withdrew the motion. Motion by Dr. Smith, seconded by Mr. Fetters, to recommend that Dr. Kellner use the appropriate course proposal format outlined in the Faculty Handbook for course proposals and clarify the request, working with the appropriate department to submit the proposal with supporting information from how other universities handle intercollegiate credit. Motion carried.

Department of Social Sciences and Philosophy

Motion by Dr. Harris, seconded by Dr. Hoelezman, to approve the addition of a minor in Geography requiring the following: GEOG 2013, Regional Geography of the World; GEOG 2023, Human Geography; and 12 hours of Geography electives with no more than 3 hours in GEOG 4991-4, Special Problems in Geography. Motion carried.

Dr. Tarver requested that an additional curricular item be considered from the Department of Social Sciences and Philosophy. Motion by Mr. Fetters, seconded by Dr. Carter, to consider the additional item. Motion carried. Dr. Tarver distributed copies of the proposal for review. Motion by Mr. Fetters, seconded by Dr. Carter, to approve the proposal to add PHIL 4103, Advanced Logic and PHIL 4093, American Philosophy, to the minor in Philosophy. The catalog should read as follows:

The minor in philosophy requires 18 hours of courses:

PHIL 3103, Logic;

Any two of the following courses: PHIL 2013, Religions of the World; PHIL 3023, Ethics; PHIL 3033, Esthetics; PHIL 3053, Philosophy of Religion; PHIL 3063, Political Philosophy; PHIL 4103, Advanced Logic;

two of the following courses: PHIL 3003, Ancient Philosophy; PHIL 3013, Modern Philosophy; PHIL 3113, Contemporary Philosophy; PHIL 3203, Medieval Philosophy; PHIL 4093, American Philosophy; and

3 hours of any additional philosophy courses.

Students must have a minimum 2.00 grade point in their philosophy courses to be eligible for a philosophy minor.

CURRICULUM PROPOSAL FORMS

Motion by Dr. Smith, seconded by Ms. Helms, to approve the recommendations from Faculty Senate for revision of the curriculum proposal forms with amendment: on form B, change List Departments Consulted to List Department Head or Program Director Consulted with Date. Motion carried. Dr. Tarver suggested the section pertaining to departmental notification be added to form A. After discussion, Dr. Smith made a motion, seconded by Dr. Harris, to add the section List Department Head or Program Directory Consulted with Date to form A. Motion carried.

Motion by Dr. Tarver, seconded by Dr. Baker, to allow the Registrar to return to the departments proposals not following the format for submitting curriculum changes outlined in the Faculty Handbook Motion carried.

REVIEW OF GENERAL EDUCATION GOALS

After discussion of the process for review of general education goals, Dr. Tarver agreed to draft a letter to the department heads requesting departments start the review of the goals.

ADJOURNMENT

The meeting adjourned at 4:50 p.m.

Sincerely,

Dr. Glen Bishop, Chair

Dr. Richard Smith, Secretary

Curriculum Committee
AGENDA
Friday, October 7, 2005
3:00 p.m., Pendergraft 325

I. Call to Order

- A. Approval of minutes for the September 16, 2005, meeting

II. New Business

A. Curricular Items

1. Department of Art

- a. (1) change the title of ART 2103, Art History I, World; to Art History I; (2) change the title of ART 2113, Art History II, World; to Art History II; (3) add ART 4123, Art History, Medieval, to the course descriptions; and (4) add ART 4723, Art History Seminar, to the course descriptions.

2. Department of Speech, Theatre, and Journalism

- a. (1) delete SPH 1011, Orientation to Speech Communication Studies; SPH 1021, Listening; and SPH 1031, Parliamentary Procedures; and (2) modify the curriculum in Speech (Speech Communication Option) as follows: delete SPH 1011, Orientation to Speech Communication Studies; and SPH 1021, Listening; and add two hours of SPH Electives.

3. Department of Biological Sciences

- a. (1) change the prerequisite for BIOL 3034, Genetics, from BIOL 1114, Principles of Biology, and MATH 1113, College Algebra, to BIOL 1114, MATH 1113, and two semesters of chemistry classes; (2) add BIOL 3174, Physiological Ecology, to the course descriptions; (3) add FW 3173, Biostatistics, to the course descriptions; (4) change the course number of BIOL 4091, Coastal Ecology, to BIOL 4094; add prerequisites: BIOL 2124, Principles of Zoology, and BIOL 2134, Principles of Botany; modify the course description; and approve the change for implementation by May, 2006;
- b. modify the curriculum in Biology as follows: make FW 3173, Biostatistics, a selection in footnote 2; renumber existing footnote 3 to footnote 4 and add BIOL 3174, Physiological Ecology, to the course selection; and insert new footnote 3 with the following: BIOL 4094, Coastal Ecology, which is offered during May mini-term can serve as an alternative to BIOL 3114, Principles of Ecology, in the Biology major; and
- b. add the title Pre-Dental to the title Curriculum in Pre-Medical.

4. Department of Physical Sciences

- a. delete MATH 3243, Differential Equations I, as a corequisite for PHYS 3213, Modern Physics;

- b. (1) combine CHEM 3341, Biochemistry Laboratory, and CHEM 3343, Principles of Biochemistry, into a single course, CHEM 3344, Principles of Biochemistry, and change the course description; (2) modify the Curriculum in Chemistry General Option as follows: change CHEM 3343, Principles of Biochemistry, to CHEM 3344, and reduce electives from 4 hours to 3 hours; and (3) modify the Curriculum in Chemistry A.C.S. Option as follows: change CHEM 3343, Principles of Biochemistry, to CHEM 3344, and reduce electives from 3 hours to 2 hours;
 - c. modify the Curriculum in the Geology Professional Option (as shown in the 2005 Freshman Catalog Supplement) as follows: (1) delete AMST 2003, American Studies; (2) require GEOG 2013, Regional Geography of the World; (3) delete ENGL 2003, Introduction to World Literature, or PHIL 2003, Introduction to Philosophy; (4) add General Education Humanities 3 hours with footnote 1; and (5) add footnote 4 to GEOL 3124, Invertebrate Paleontology, or Elective;
 - d. modify the Curriculum in Geology Environmental Option (as shown in the 2005 Freshman Catalog Supplement) as follows: (1) delete AMST 2003, American Studies; (2) require GEOG 2013, Regional Geography of the World; (3) delete ENGL 2003, Introduction to World Literature, or PHIL 2003, Introduction to Philosophy; (4) add General Education Humanities 3 hours with footnote 1; and pair together BIOL 3043, Conservation, and Elective upper division;
 - e. modify the Curriculum in Physical Science Physics Option (as shown in the 2005 Freshman Catalog Supplement) as follows: (1) delete MATH 1113, College Algebra; (2) delete MATH 1203, Plane Trigonometry; (3) require MATH 1914, Precalculus; (4) reduce Electives from 3 hours to 2 hours; (5) change Electives from 6 hours to 6-3 hours to balance with PHYS 4991-4; (6) change footnote 3 to read: Seven hours of electives must be from physical sciences, biology, engineering, computer sciences; and (7) change footnote 4 to read: Must complete both PHYS 4113 and 3 hours PHYS Electives (PHYS course offered in alternating years);
 - f. modify the Curriculum in Physical Science Nuclear Physics Option as follows: (1) add ELEG, 2103, Electric Circuits I, ELEG 2111, Electric Circuits Laboratory, and ELEG 2113, Electric Circuits II; (2) replace PHYS 4991, Special Problems, with PHYS 4991-4, Special Problems; and (3) adjust Electives accordingly; and
 - g. modify the Curriculum in Pre-Pharmacy as follows: (1) delete BIOL 2124, Principles of Zoology, BIOL 2134, Principles of Botany, MATH 1113, College Algebra, MATH 1203, Plane Trigonometry, PHYS 2024, Physical Principles II, ACCT 2003, Accounting Principles I, and (2) add BIOL 1114, Principles of Biology, BIOL 2014, Human Anatomy, MATH 2914, Calculus I, SPH 1003, Introduction to Speech Communication, ECON 2003, Principles of Economics I, and three hours of prescribed electives.
5. Department of Electrical Engineering
- a. (1) add the corequisite MATH 3243, Differential Equations I, to ELEG 2113, Electric Circuits II; and (2) change the title of ELEG 4133, Application-Specific

Integrated Circuit Design, to Advanced Digital Design.

6. Department of Mechanical Engineering
 - a. (1) add MCEG 3042, Metallurgy Laboratory, to the course descriptions; (2) add MCEG 3043, Physical Metallurgy, to the course descriptions; and (3) add MCEG 3991-4, Special Problems in Engineering, to the course descriptions.

III. Adjournment

**Minutes of
Curriculum Committee
Of
Arkansas Tech University**

The Curriculum Committee met in Pendergraft, Room 325, on Friday, October 7, 2005, at 3 p.m. The following members were present:

Dr. Sherman Alexander, Dr. Randy Kirkpatrick, Dr. Micheal Tarver, Ms. Jennifer Helms, Dr. David Hoelzeman, Dr. Tim Carter, Dr. Glen Bishop, Dr. Richard Smith, Dr. Cathy Baker, Dr. Deborah Wilson, Ms. Tammy Rhodes, and Lance Fetters were present. Dr. Lyman Harris and Nicole Goodlett were absent. Dr. Cathy Caldwell, Dr. Donna Vocate, Dr. John Jackson, Dr. Tsunemi Yamashita, Dr. Bruce Tedford, Dr. Jeff Robertson, Dr. John Krohn, and Dr. Ron Nelson, were guests.

**CALL TO
ORDER**

Dr. Bishop called the meeting to order. The final draft of Minutes from the September 16, 2005, meeting was not available to approve.

**NEW BUSINESS:
CURRICULAR
ITEMS**

Department of Art

Motion by Dr. Wilson, seconded by Dr. Smith, to approve the following proposal as follows: (1) change the title of ART 2103, Art History I, World; to Art History I; and modify the course description; (2) change the title of ART 2113, Art History II, World; to Art History II; (3) add ART 4123, Art History, Medieval, to the course descriptions; and (4) add ART 4723, Art History Seminar, to the course descriptions. Motion carried.

Department of Speech, Theatre, and Journalism

Motion by Dr. Smith, seconded by Dr. Wilson to approve the following proposal as follows: (1) delete SPH 1011, Orientation to Speech Communication Studies; SPH 1021, Listening; and SPH 1031, Parliamentary Procedures; and (2) modify the curriculum in Speech (Speech Communication Option) as follows: delete SPH 1011, Orientation to Speech Communication Studies; and SPH 1021, Listening; and add two hours of SPH Electives. Motion carried.

Department of Biological Sciences

Motion by Dr. Baker, seconded by Dr. Carter, to approve the following proposals as follows:

(1a) change the prerequisite for BIOL 3034, Genetics, from BIOL 1114, Principles of Biology, or equivalent, and MATH 1113, College Algebra, or higher, to BIOL 1114, or equivalent, MATH 1113, or higher, and two semesters of chemistry classes; (1b) add BIOL 3174, Physiological Ecology, to the course descriptions; (1c) add FW 3173, Biostatistics, to the course descriptions; (1d) change the course number of BIOL 4091, Coastal Ecology, to BIOL 4094; add prerequisites: BIOL 2124, Principles of Zoology, and BIOL 2134, Principles of Botany; modify the course description; and approve the change for implementation by May, 2006; (2) modify the curriculum in Biology as follows: make FW 3173, Biostatistics, a selection in footnote 2; renumber existing footnote 3 to footnote 4 and add BIOL 3174, Physiological Ecology, to the course selection; and insert new footnote 3 with the following: BIOL 4094, Coastal Ecology, which is offered during May mini-term can serve as an alternative to BIOL 3114, Principles of Ecology, in the Biology major; and (3) add the title Pre-Dental to the title Curriculum in Pre-Medical.
Motion carried.

Department of Physical Sciences

Motion by Dr. Wilson, seconded by Dr. Tarver, to approve the proposals as follows: (1) delete MATH 3243, Differential Equations I, as a corequisite for PHYS 3213, Modern Physics; (2a) combine CHEM 3341, Biochemistry Laboratory, and CHEM 3343, Principles of Biochemistry, into a single course, CHEM 3344, Principles of Biochemistry, and change the course description; (2b) modify the Curriculum in Chemistry General Option as follows: change CHEM 3343, Principles of Biochemistry, to CHEM 3344, and reduce electives from 4 hours to 3 hours; and (2c) modify the Curriculum in Chemistry A.C.S. Option as follows: change CHEM 3343, Principles of Biochemistry, to CHEM 3344, and reduce electives from 3 hours to 2 hours; (3) modify the Curriculum in the Geology Professional Option (as shown in the 2005 Freshman Catalog Supplement) as follows: (3a) delete AMST 2003, American Studies; (3b) require GEOG 2013, Regional Geography of the World; (3c) delete ENGL 2003, Introduction to World Literature, or PHIL 2003, Introduction to Philosophy; (3d) add General Education Humanities 3 hours with footnote 1; and (3e) add footnote 4 to GEOL 3124, Invertebrate Paleontology, or Elective; (4) modify the Curriculum in Geology Environmental Option (as shown in the 2005 Freshman Catalog Supplement) as follows: (4a) delete AMST 2003, American Studies; (4b) require GEOG 2013, Regional Geography of the World; (4c) delete ENGL 2003, Introduction to World Literature, or PHIL 2003, Introduction to Philosophy; (4d) add General Education Humanities 3 hours with footnote 1; and pair together BIOL 3043, Conservation, and Elective upper division; (5) modify the Curriculum in Physical Science Physics Option (as shown in the 2005 Freshman Catalog Supplement) as follows: (5a) delete MATH 1113, College Algebra; (5b) delete MATH 1203, Plane Trigonometry; (5c) require MATH 1914, Precalculus; (5d) reduce Electives from 3 hours to 2 hours; (5e) change Electives from 6 hours to 6-3 hours to balance with PHYS 4991-4; (5f) change footnote 3 to read: Seven hours of electives must be from physical sciences, biology, engineering, computer sciences; and (5g) change footnote 4 to read: Must complete

both PHYS 4113 and 3 hours PHYS Electives (PHYS course offered in alternating years);

(6) modify the Curriculum in Physical Science Nuclear Physics Option as follows: (6a) add ELEG, 2103, Electric Circuits I, ELEG 2111, Electric Circuits Laboratory, and ELEG 2113, Electric Circuits II; (6b) replace PHYS 4991, Special Problems, with PHYS 4991-4, Special Problems; and (6c) adjust Electives accordingly; and

(7) modify the Curriculum in Pre-Pharmacy as follows: (7a) delete BIOL 2124, Principles of Zoology, BIOL 2134, Principles of Botany, MATH 1113, College Algebra, MATH 1203, Plane Trigonometry, PHYS 2024, Physical Principles II, ACCT 2003, Accounting Principles I, and (7b) add BIOL 1114, Principles of Biology, BIOL 2014, Human Anatomy, MATH 2914, Calculus I, SPH 1003, Introduction to Speech Communication, ECON 2003, Principles of Economics I, and three hours of prescribed electives.

Dr. Robertson was asked to notify the Department of Business and Economics and the Department of Speech, Theatre, and Journalism of the new requirements. Motion by Dr. Tarver, seconded by Dr. Smith, to table the proposal requesting modification of the Curriculum in Pre-Pharmacy. Motion carried. Motion by Dr. Wilson, seconded by Dr. Tarver, to approve the remainder of the proposals presented by the Department of Physical Sciences. Motion carried.

Department of Electrical Engineering

Motion by Dr. Carter, seconded by Dr. Smith, to approve the proposal as follows: (1) add the corequisite MATH 3243, Differential Equations I, to ELEG 2113, Electric Circuits II; and (2) change the title of ELEG 4133, Application-Specific Integrated Circuit Design, to Advanced Digital Design. Motion carried.

Department of Mechanical Engineering

Motion by Dr. Hoelzeman, seconded by Dr. Wilson, to approve the proposal as follows: (1) add MCEG 3042, Metallurgy Laboratory, to the course descriptions; (2) add MCEG 3043, Physical Metallurgy, to the course descriptions; and (3) add MCEG 3991-4, Special Problems in Engineering, to the course descriptions. Motion carried.

ADJOURNMENT

The meeting adjourned at 4:05 p.m.

Sincerely,

Dr. Glen Bishop, Chair

Dr. Richard Smith, Secretary

Curriculum Committee
AGENDA
Friday, October 28, 2005
Pendergraft 325

I. Call to Order

- A. Approval of minutes for the September 16, 2005, meetings

II. Old Business

- A. Tabled Proposal from Department of Physical Sciences

III. New Business

- A. Curricular Items

1. Department of Curriculum and Instruction

- a. add MLED 4023/5023, Teaching the Young Adolescent, to the course descriptions;
- b. add MLED 4033/5033, Young Adolescent Growth and Development, to the course descriptions;
- c. add MLED 4043/5043, Diversity in the Middle Level Classroom; and
- d. (1) change MLED 2002, Introduction to Education, to MLED 2003; (2) modify the Curriculum in Middle Level Education (Curriculum in Mathematics and Science Licensure) as follows: change MLED 2002, Introduction to Education, to MLED 2003, and delete one hour of elective; and (3) modify the Curriculum in Middle Level Education (Curriculum in English Language Arts/Social Studies Licensure) as follows: change MLED 2002, Introduction to Education, to MLED 2003, and delete one hour of elective.

2. Department of Health and Physical Education

- a. add PE 1301, Beginning Ballet I, to the course descriptions;
- b. add PE 1311, Beginning Ballet II, to the course descriptions;
- c. add PE 1321, Intermediate Ballet I, to the course descriptions;
- d. add PE 1331, Intermediate Ballet II, to the course descriptions;
- e. add PE 1341, Intermediate Ballet III, to the course descriptions;
- f. add PE 1351, Intermediate Ballet IV, to the course descriptions;
- g. add PE 1361, Advanced Ballet I, to the course descriptions; and
- h. add PE 1371, Advanced Ballet II, to the course descriptions.

3. Department of Foreign Languages and International Studies

- a. add FR/GER/SPAN 4003, Oral Communication, to the course descriptions; and
- b. (1) modify the catalog description on page 147, of the 2005-06 catalog, by the heading of Foreign Languages, as follows: change *requires 34 hours in a foreign language* to *requires 38 hours in a foreign language*; and (2) modify prerequisites

as follows:

(2a) SPAN 3003, Conversation and Composition I, change prerequisite from SPAN 2024 or equivalent to SPAN 2024 or permission of instructor;

(2b) SPAN 3013, Conversation and Composition II, change prerequisite from SPAN 3003 or equivalent to SPAN 3003 or permission of instructor;

(2c) SPAN 3113, Business Spanish, add prerequisite SPAN 3003 or permission of instructor;

(2d) SPAN 3123, Spanish Civilization and Culture, change prerequisite from SPAN 2024 or equivalent to SPAN 3013 or permission of instructor;

(2e) SPAN 3133, Spanish-American Civilization and Culture, change prerequisite from SPAN 2024 or equivalent to SPAN 3013 or permission of instructor;

(2f) SPAN 3213, Advanced Grammar and Usage, change prerequisite from: SPAN 3013 to SPAN 3013 or permission of instructor;

(2g) SPAN 3223, Short Story, change prerequisite from SPAN 3013 to SPAN 3013 or permission of instructor;

(2h) SPAN 4003, Oral Communications, add prerequisite SPAN 3013 or permission of instructor;

(2i) SPAN 4213, Spanish Literature, change prerequisite from SPAN 2024 or equivalent to SPAN 3223 or permission of instructor;

(2j) SPAN 4223, Spanish-American Literature, change prerequisite from SPAN 2024 or equivalent to SPAN 3223 or permission of instructor;

(2k) FR/GER 3003, Conversation and Composition I, change prerequisite from FR/GER 2024 or equivalent to FR/GER 2024 or permission of instructor;

(2l) FR/GER 3013, Conversation and Composition II, change prerequisite from FR/GER 3003 or equivalent to FR/GER 3003 or permission of instructor;

(2m) FR/GER 3113, Culture and Civilization, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3013 or permission of instructor;

(2n) FR/GER 3213, Advanced Grammar and Usage, change prerequisite from FR/GER 3013 to FR/GER 3013 or permission of instructor;

(2o) FR/GER 3223, Short Story, change prerequisite from FR/GER 3013 to FR/GER 3013 or permission of instructor;

(2p) FR/GER 4003, Oral Communication, add prerequisite FR/GER 3013 or permission of instructor;

(2q) FR/GER 4213, French Literature to 1800/German Literature to 1832, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3223 or permission of instructor; and

(2r) FR/GER 4223, French Literature since 1800/German Literature since 1832, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3223 or permission of instructor.

4. Department of Music

- a. modify the course description for MUS 3702, Music Educational Technology.

5. Department of Social Sciences and Philosophy

- a. add HIST 2153, Introduction to Arkansas History, to the course descriptions;
- b. change the title for HIST 3033, The Age of Jefferson and Jackson, 1789-1840, to The Early American Republic;
- c. add HIST to the cross listing for ANTH/MUSM 4403, Interpretation/Education through Museum Methods;
- d. change the title for HIST 4483/5483, Economic History of Europe, to World Economic History, and modify the course description; and
- e. modify the course description for HIST 4713, Social Studies Methods for Secondary Teachers.

6. Department of Physical Sciences

- a. remove corequisite MATH 3243, Differential Equations I, from PHYS 3213, Modern Physics; and
- b. modify the Curriculum in Physical Science and Earth Science for Teacher Licensure as follows: delete MATH 1113, College Algebra; add MATH 1914, Precalculus; and delete one hour of PE Activity.

6. Department of Computer and Information Science

- a. change the title for COMS 1403, Computer and Information Science Orientation, to Orientation to Computing, Information, and Technology, and modify the course description;
- b. modify the course description for COMS 2333, Web Publishing II;
- c. add COMS 2700, Networking and Architecture Laboratory, to the course descriptions;
- d. modify the course description for COMS 2703, Computer Networks and Architecture;
- e. add COMS 2733, Introduction to Computer Forensics and Security, to the course descriptions;
- f. add COMS 2903, Discrete Structures for Technical Majors, to the course descriptions;
- g. add COMS 3523, Human Factors in Information Technology, to the course descriptions;
- h. add COMS 4063, IT Project Administration, to the course descriptions;
- i. add COMS 4213, Database Administration, to the course descriptions;
- j. add COMS 4313, Web Server Administration, to the course descriptions;
- k. add COMS 4700, Networking Laboratory, to the course descriptions;
- l. add COMS 4713, Heterogeneous Networks, to the course descriptions;
- m. (1) remove COMS 2213, Data Structures, as a prerequisite for COMS 3903, Systems Software and Architecture; (2) replace COMS 2213, Data Structures, with COMS 2203, Foundations of Computer Programming II, as a prerequisite for COMS 4203, Database Concepts; (3) add COMS 2213, Data Structures, as a prerequisite for COMS 4303, Client/Server Systems; (4) add COMS 2903, Discrete Structures for Technical Majors, as a prerequisite for COMS 2213, Data Structures, COMS 4703, Data Communication and Networks, and COMS 4203,

Database Concepts; and (5) replace COMS 2104, Foundations of Computer Programming I, with “Passed COMS 2104 with a C or better” as a prerequisite for COMS 2203, Foundations of Computer Programming II; and

- n. (1) add COMS 2700, Networking and Architecture Laboratory, as a corequisite for COMS 2703, Computer Networks and Architecture; and (2) add COMS 4700, Networking Laboratory, as a corequisite for COMS 4703, Data Communications and Networks, and COMS 4713, Heterogeneous Networks;
- o. add the Bachelor of Science Curriculum in Information Technology;
- p. modify the Curriculum in Computer Science as follows: (1) add COMS 2700, Networking and Architecture Laboratory; (2) replace MATH 2703, Discrete Mathematics, with COMS 2903, Discrete Structures for Technical Majors; and (3) add COMS 4700, Networking Laboratory; and
- q. modify the Curriculum in Information Systems as follows: (1) add COMS 2700, Networking and Architecture Laboratory; (2) replace MATH 2703, Discrete Mathematics, with COMS 2903, Discrete Structures for Technical Majors; and (3) add COMS 4700, Networking Laboratory.

7. Department of Mathematics

- a. (1) delete MATH 3163, Mathematical Modeling I, and MATH 4163 Mathematical Modeling II, from the course descriptions; and add MATH 4123, Mathematical Modeling to the course descriptions;
(2) modify the Curriculum in Mathematics Education as follows: delete MATH 3163, Mathematical Modeling I, and add MATH 4123, Mathematical Modeling; and
(3) modify the Curriculum in Mathematics: delete MATH 3163, Mathematical Modeling I, and add MATH 4123, Mathematical Modeling

8. Department of Military Science

- a. add MS 4013, United States Military History, to the course descriptions;
- b. add MS 4903, Advanced Officership I, to the course descriptions; and
- c. add MS 4913, Advanced Officership II, to the course descriptions.

IV. Adjournment

**Minutes of
Curriculum Committee
Of
Arkansas Tech University**

The Curriculum Committee met in Pendergraft, Room 325, on Friday, October 28, 2005, at 3 p.m. The following members were present:

Dr. Sherman Alexander, Dr. Randy Kirkpatrick, Dr. Micheal Tarver, Ms. Jennifer Helms, Dr. David Hoelzeman, Dr. Tim Carter, Dr. Richard Smith, Dr. Cathy Baker, Dr. Deborah Wilson, Ms. Tammy Rhodes, and Dr. Lyman Harris were present. Dr. Glen Bishop, Mr. Lance Fetters, and Ms. Nicole Goodlett were absent. Dr. Jeff Robertson, Dr. Don Carnahan, Dr. Larry Morell, Mr. Rick Massengale, Mr. Ron Robinson, Dr. David Bell, Dr. Glenn Sheets, Ms. Denise Sery, and Dr. Deborah Barber were guests.

**CALL TO
ORDER**

As Chair Elect, Dr. Tarver called the meeting to order in Dr. Bishop's absence. Dr. Tarver asked for approval of the Minutes from the September 16, 2005. Motion by Dr. Hoelzeman, seconded by Dr. Smith, to approve the minutes with corrections. Motion carried.

OLD BUSINESS:

Motion by Dr. Hoelzeman, seconded by Dr. Wilson, to allow consideration of the tabled proposal from the Department of Physical Sciences. Motion carried.

Department of Physical Sciences

Motion by Dr. Wilson, seconded by Dr. Carter, to approve the modification of the Curriculum in Pre-Pharmacy. Motion carried.

**NEW BUSINESS:
CURRICULAR
ITEMS**

Department of Curriculum and Instruction

Motion by Dr. Hoelzeman, seconded by Dr. Wilson, to approve the proposals as follows: (1) add MLED 4023/5023, Teaching the Young Adolescent, to the course descriptions; (2) add MLED 4033/5033, Young Adolescent Growth and Development, to the course descriptions; (3) add MLED 4043/5043, Diversity in the Middle Level Classroom; and (4a) change MLED 2002, Introduction to Education, to MLED 2003; (4b) modify the Curriculum in Middle Level Education (Curriculum in Mathematics and Science Licensure) as follows: change MLED 2002, Introduction to

Education, to MLED 2003, and delete one hour of elective; and (4c) modify the Curriculum in Middle Level Education (Curriculum in English Language Arts/Social Studies Licensure) as follows: change MLED 2002, Introduction to Education, to MLED 2003, and delete one hour of elective. Motion carried.

Department of Health and Physical Education

Motion by Dr. Smith, seconded by Dr. Wilson, to approve the proposals as follows: (1) add PE 1301, Beginning Ballet I, to the course descriptions; (2) add PE 1311, Beginning Ballet II, to the course descriptions; (3) add PE 1321, Intermediate Ballet I, to the course descriptions; (4) add PE 1331, Intermediate Ballet II, to the course descriptions; (5) add PE 1341, Intermediate Ballet III, to the course descriptions; (6) add PE 1351, Intermediate Ballet IV, to the course descriptions; (7) add PE 1361, Advanced Ballet I, to the course descriptions; and (8) add PE 1371, Advanced Ballet II, to the course descriptions. Motion carried.

Department of Foreign Languages and International Studies

Motion by Dr. Wilson, seconded by Dr. Baker, to approve the proposals as follows: (1) add FR/GER/SPAN 4003, Oral Communication, to the course descriptions; and modify the catalog description on page 147, of the 2005-06 catalog, by the heading of Foreign Languages, as follows: change *requires 34 hours in a foreign language* to *requires 38 hours in a foreign language*; and (2) modify prerequisites as follows: (2a) SPAN 3003, Conversation and Composition I, change prerequisite from SPAN 2024 or equivalent to SPAN 2024 or permission of instructor; (2b) SPAN 3013, Conversation and Composition II, change prerequisite from SPAN 3003 or equivalent to SPAN 3003 or permission of instructor; (2c) SPAN 3113, Business Spanish, add prerequisite SPAN 3003 or permission of instructor; (2d) SPAN 3123, Spanish Civilization and Culture, change prerequisite from SPAN 2024 or equivalent to SPAN 3013 or permission of instructor; (2e) SPAN 3133, Spanish-American Civilization and Culture, change prerequisite from SPAN 2024 or equivalent to SPAN 3013 or permission of instructor; (2f) SPAN 3213, Advanced Grammar and Usage, change prerequisite from: SPAN 3013 to SPAN 3013 or permission of instructor; (2g) SPAN 3223, Short Story, change prerequisite from SPAN 3013 to SPAN 3013 or permission of instructor; (2h) SPAN 4003, Oral Communications, add prerequisite SPAN 3013 or permission of instructor; (2i) SPAN 4213, Spanish Literature, change prerequisite from SPAN 2024 or equivalent to SPAN 3223 or permission of instructor; (2j) SPAN 4223, Spanish-American Literature, change prerequisite from SPAN 2024 or equivalent to SPAN 3223 or permission of instructor; (2k) FR/GER 3003, Conversation and Composition I, change prerequisite from FR/GER 2024 or equivalent to FR/GER 2024 or permission of instructor; (2l) FR/GER 3013, Conversation and Composition II, change prerequisite from FR/GER 3003 or equivalent to FR/GER 3003 or permission of instructor;

(2m) FR/GER 3113, Culture and Civilization, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3013 or permission of instructor;
(2n) FR/GER 3213, Advanced Grammar and Usage, change prerequisite from FR/GER 3013 to FR/GER 3013 or permission of instructor;
(2o) FR/GER 3223, Short Story, change prerequisite from FR/GER 3013 to FR/GER 3013 or permission of instructor;
(2p) FR/GER 4003, Oral Communication, add prerequisite FR/GER 3013 or permission of instructor;
(2q) FR/GER 4213, French Literature to 1800/German Literature to 1832, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3223 or permission of instructor; and
(2r) FR/GER 4223, French Literature since 1800/German Literature since 1832, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3223 or permission of instructor. Motion carried.

Department of Music

Motion by Dr. Smith, seconded by Dr. Wilson, to approve the proposals as follows: modify the course description for MUS 3702, Music Educational Technology. Motion carried.

Department of Social Sciences and Philosophy

Motion by Dr. Hoelzeman, seconded by Dr. Wilson, to approve the proposals as follows: (1) add HIST 2153, Introduction to Arkansas History, to the course descriptions; (2) change the title for HIST 3033, The Age of Jefferson and Jackson, 1789-1840, to The Early American Republic; (3) add HIST to the cross listing for ANTH/MUSM 4403, Interpretation/Education through Museum Methods; (4) change the title for HIST 4483/5483, Economic History of Europe, to World Economic History, and modify the course description; and (5) modify the course description for HIST 4713, Social Studies Methods for Secondary Teachers. Motion carried.

Department of Physical Sciences

Motion by Dr. Hoelzeman, seconded by Dr. Baker, to approve the proposals as follows: (1) remove corequisite MATH 3243, Differential Equations I, from PHYS 3213, Modern Physics; and (2) modify the Curriculum in Physical Science and Earth Science for Teacher Licensure as follows: delete MATH 1113, College Algebra; add MATH 1914, Precalculus; and delete one hour of PE Activity. Motion carried.

Department of Computer and Information Science

Motion by Dr. Smith, seconded by Dr. Hoelzeman, to approve the proposals as follows: (1) change the title for COMS 1403, Computer and Information Science Orientation, to Orientation to Computing, Information, and Technology, and modify the course description; (2) modify the course description for COMS 2333, Web Publishing II; (3) add COMS 2700, Networking and Architecture Laboratory, to the course descriptions; (4) modify the course description for COMS 2703, Computer

Networks and Architecture; (5) add COMS 2733, Introduction to Computer Forensics and Security, to the course descriptions; (6) add COMS 2903, Discrete Structures for Technical Majors, to the course descriptions; (7) add COMS 3523, Human Factors in Information Technology, to the course descriptions; (8) add COMS 4063, IT Project Administration, to the course descriptions; (9) add COMS 4213, Database Administration, to the course descriptions; (10) add COMS 4313, Web Server Administration, to the course descriptions; (11) add COMS 4700, Networking Laboratory, to the course descriptions; (12) add COMS 4713, Heterogeneous Networks, to the course descriptions; (13a) remove COMS 2213, Data Structures, as a prerequisite for COMS 3903, Systems Software and Architecture; (13b) replace COMS 2213, Data Structures, with COMS 2203, Foundations of Computer Programming II, as a prerequisite for COMS 4203, Database Concepts; (13c) add COMS 2213, Data Structures, as a prerequisite for COMS 4303, Client/Server Systems; (13d) add COMS 2903, Discrete Structures for Technical Majors, as a prerequisite for COMS 2213, Data Structures, COMS 4703, Data Communication and Networks, and COMS 4203, Database Concepts; and (13e) replace COMS 2104, Foundations of Computer Programming I, with “Passed COMS 2104 with a C or better” as a prerequisite for COMS 2203, Foundations of Computer Programming II; (14a) add COMS 2700, Networking and Architecture Laboratory, as a corequisite for COMS 2703, Computer Networks and Architecture; and (14b) add COMS 4700, Networking Laboratory, as a corequisite for COMS 4703, Data Communications and Networks, and COMS 4713, Heterogeneous Networks; (15) add the Bachelor of Science Curriculum in Information Technology; (16) modify the Curriculum in Computer Science as follows: (16a) add COMS 2700, Networking and Architecture Laboratory; (16b) replace MATH 2703, Discrete Mathematics, with COMS 2903, Discrete Structures for Technical Majors; and (16c) add COMS 4700, Networking Laboratory; and (17) modify the Curriculum in Information Systems as follows: (17a) add COMS 2700, Networking and Architecture Laboratory; (17b) replace MATH 2703, Discrete Mathematics, with COMS 2903, Discrete Structures for Technical Majors; and (17c) add COMS 4700, Networking Laboratory. Motion carried.

Department of Mathematics

Motion by Dr. Carter, seconded by Ms. Helms, to approve the proposals as follows: (1) delete MATH 3163, Mathematical Modeling I, and MATH 4163 Mathematical Modeling II, from the course descriptions; and add MATH 4123, Mathematical Modeling to the course descriptions; (2) modify the Curriculum in Mathematics Education as follows: delete MATH 3163, Mathematical Modeling I, and add MATH 4123, Mathematical Modeling; and (3) modify the Curriculum in Mathematics: delete MATH 3163, Mathematical Modeling I, and add MATH 4123, Mathematical Modeling. Motion carried.

Department of Military Science

Motion by Dr. Wilson, seconded by Dr. Hoelzeman, to approve the proposals as follows: (1) add MS 4013, United States Military History, to the course descriptions; (2) add MS 4903, Advanced Officership I, to the course descriptions; and (3) add MS 4913, Advanced Officership II, to the course descriptions. Motion carried.

ADJOURNMENT

The meeting adjourned at 4:15 p.m.

Sincerely,

Dr. Glen Bishop, Chair

Dr. Richard Smith, Secretary

Curriculum Committee
AGENDA
Friday, November 18, 2005
Pendergraft 325

I. Call to Order

- A. Approval of minutes for the October 7, 2005, and October 28, 2005, meetings

II. New Business

1. Department of Accounting

- a. add ACCT 3023, Accounting Information Systems, to the course descriptions.

2. Department of Business and Economics

- a. change the title of MGMT 3103, Production Management, to Operations Management; change the prerequisite from *COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, and BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior*, to *MGMT 2013, Management Productivity Tools, BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior*; and modify the course description; and
- b. add MGMT 2013, Management Productivity Tools, as a prerequisite for MGMT 4013, Management Information Systems.

3. Department of Music

- a. move the listing in the course descriptions from the Music section to the Musical Performance section for MUS 1601/3601, Orchestral Repertoire, and modify the course description.

4. Department of Biological Sciences

- a. modify the Curriculum in Fisheries and Wildlife Biology as follows: (1) add FW 3173, Biostatistics, as an upper-division mathematics alternative; and (2) add BIOL 3174, Physiological Ecology, as a physiology alternative; and

5. Department of Nursing

- a. (1) change the course number for NUR 3502, Nursing Skills II, to 3513; (2) modify the Curriculum in Nursing as follows: (a) change NUR 3502, Nursing Skills II, to NUR 3513; and (b) reduce the upper division Nursing Electives by one hour.

6. Department of Agriculture

- a. add AGBU 1013, Principles of Agricultural Business, to the course descriptions;
- b. add AGBU 3213, Career Development in Agriculture, to the course descriptions;
- c. modify the course description for AGBU 4023, Agricultural Finance;
- d. add AGBU 4053, Agricultural Price Analysis, to the course descriptions;
- e. add AGBU 4063, Agricultural Investments, to the course descriptions;
- f. change the course number of AGSS 2013, Soils, to AGSS 2014; add two hours of laboratory; and modify the course description;
- g. change the title of AGPS 1003, Field Crops, to Principles of Crop Science; and modify the course description;
- h. change the number and title of AGPS 1023, General Horticulture, to AGPS 1024, Principles of Horticulture; add two hours of laboratory, and modify the course description accordingly;
- i. change the course numbers as follows for the indicated courses, add two hours of laboratory to each, and modify the course descriptions accordingly: (1) AGAS 1013, Principles of Animal Science, to AGAS 1014; (2) AGAS 3003, Reproduction in Farm Animals, to AGAS 3004; (3) AGAS 3013, Beef Cattle Management, to AGAS 3014; (4) AGAS 3103, Swine Management, to AGAS 3104; (5) AGPS 3023, Forage Crops and Pasture Management, to AGPS 3024; (6) AGPS 3043, Plant Propagation, to AGPS 3044; (7) AGPS 3063, Vegetable Growing, to AGPS 3064; and (8) AGPS 3073, Floriculture, to AGPS 3074;
- j. (1) Agricultural Animal Science courses: prerequisite changes for AGAS 2083, Feed and Feeding, AGAS 3004, Reproduction in Farm Animals, AGAS 3014, Beef Cattle Management, AGAS 3104, Swine Management, and AGAS 3113, Light Horse Production from AGAS 1013 (old number) to AGAS 1014 (new number); (2) Agricultural Business and Economics courses: addition of prerequisite of AGBU 1013, Principles of Agricultural Business, to AGBU 2063, Principles of Agricultural Macroeconomics, AGBU 2073, Principles of Agricultural Microeconomics, and AGBU 4003, Agri-Business Management; and change the course description of AGBU 4023, Agricultural Finance; (3) Agricultural Engineering/Mechanization courses: prerequisite change for AGEG 3413, Agricultural Waste Management, from AGSS 2013 (old number) to AGSS 2014 (new number); (4) Agricultural Plant Science courses: add AGPS 1003, Principles of Crop Science, as a prerequisite for AGPS 3024, Forage Crops and Pasture Management; and add AGPS 1024, Principles of Horticulture, as a prerequisite for AGPS 3044, Plant Propagation, AGPS 3053, Weeds and Weed Control, AGPS 3064, Vegetable Growing, AGPS 3074, Floriculture, AGPS 3083, Small Fruit and Nut Culture, AGPS 3093, Greenhouse Operation and Management, and AGPS 4103, Crop and Garden Insects; (5) Agricultural Soil Science courses: prerequisite change for AGSS 3033, Soil Fertility, from AGSS 2013 (old number) to AGSS 2014 (new number). (Note: all other changes indicated are covered in previous proposals.)
- k. modify the Curriculum in Agricultural Business as follows: (1) add AGBU 1013, Principles of Agricultural Business; (2) add AGBU 3213, Career Development in Agriculture; (3) add AGBU 4033, Agricultural Policy; (4) add AGPS 1024, Principles of Horticulture; (4) delete ACCT 2013, Accounting Principles II; (5) delete AGAS 2083, Feeds and Feeding; (6) AGBU 3133, Intermediate

Agricultural Macroeconomics; (7) delete 3 hours of Agricultural Electives; (8) delete 3 hours of Electives; (9) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number); and (10) change AGSS 2013 (old number), Soils, to AGSS 2014 (new number);

- l. modify the Curriculum in Agriculture Business (Horticulture Business Option) as follows: (1) add AGAS 1014, Principles of Animal Science; (2) add AGBU 1013, Principles of Agricultural Business; (3) add AGBU 3213, Career Development in Agriculture; (4) add AGBU 4023, Agricultural Finance; (5) AGBU 4033, Agricultural Policy; (6) delete ACCT 2013, Accounting Principles II; (7) delete AGPS 3053, Weeds and Weed Control; (8) delete 12 hours of Agricultural Electives; (9) delete 2 hours of Electives; (10) change AGPS 1023 (old number), Principles of Horticulture, to AGPS 1024 (new number); (11) change AGPS 3043 (old number), Plant Propagation, to AGPS 3044 (new number); (12) change AGPS 3063 (old number), Vegetable Growing, to AGPS 3064 (new number); and (13) change AGSS 2013 (old number), Soils, to AGSS 2014 (new number);
- m. modify the Curriculum in Agricultural Business (Animal Science Option) as follows: (1) add AGBU 1013, Principles of Agricultural Business; (2) add AGBU 3213, Career Development in Agriculture; (3) add AGBU 4033, Agricultural Policy; (4) add AGEG 3413, Agricultural Waste Management; (5) add AGPS 1003, Principles of Crop Science; (6) add AGPS 1024, Principles of Horticulture; (7) add AGPS 3244, Plant Pathology; (8) add CHEM 1114, A Survey of Chemistry; (9) delete ACCT 2013, Accounting Principles II; (10) delete AGAS 1011, Principles of Animal Science Laboratory; (11) delete AGAS 3113, Light Horse Production; (12) delete 3 hours of Poultry Science; (13) delete BIOL 3054, Microbiology; (14) delete CHEM 2124, General Chemistry I; (15) delete CHEM 2134, General Chemistry II; (16) delete 10 hours of electives; (17) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number); (18) change AGAS 3003 (old number), Reproduction in Farm Animals, to AGAS 3004 (new number); (19) change AGAS 3013 (old number), Beef Cattle Management, to AGAS 3014 (new number); (20) change AGAS 3103 (old number), Swine Management, to AGAS 3104 (new number); and (21) change AGSS 2103 (old number), Soils, to AGSS 2014 (new number); and
- n. change the title for the Curriculum in Pre-Veterinary Medicine to Curriculum in Agriculture Business (Pre-Veterinary Medicine Option) and modify the curriculum as follows: (1) add ACCT 2003, Principles of Accounting I; (2) add AGBU 1013, Principles of Agricultural Business; (3) add AGBU 2063, Principles of Agricultural Macroeconomics; (4) add AGBU 2073, Principles of Agricultural Microeconomics; (5) add AGBU 3213, Career Development in Agriculture; (6) add AGBU 4003, Agri-Business Management; (7) add AGBU 4013, Agricultural Marketing; (8) add AGBU 4023, Agricultural Finance; (9) add AGBU 4033, Agricultural Policy; (10) add AGEG 3413, Agricultural Waste Management; (11) add AGPS 3244, Plant Pathology; (12) add BUAD 2033, Legal Environment of Business; (13) add 3 hours of fine arts; (14) add MATH 2163, Introduction to Statistical Methods; (15) add 2 hours of Physical Activity; (16) add 6 hours of social sciences; (17) delete the 3 hour Animal or Poultry Science Elective; (18) delete AHS 2013, Medical Terminology; (19) delete BIOL 4054, Vertebrate

Histology; (20) delete 3 hours electives; (21) delete MATH 1203, Plane Trigonometry; and (22) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number).

7. Department of Parks, Recreation, and Hospitality Administration

- a. modify the course description for RP 3093, Interpretive Methods;
- b. add RP 3503, Recreational Sport Management, to the course descriptions;
- c. change the title for RP 3993, Advanced Firefighting-Wildland/Urban Interface, to Wildland Fire Practices in Natural Resource Management, and modify the course description;
- d. modify the course description for RP/HA 4001, Internship Preparation;
- e. modify the course description for HA 4063, Beverage Management;
- f. modify the course description for HA 4073, Hospitality Financial Analysis;
- g. modify the course description for RP/HA 4116, Internship;
- h. (1) delete RP/HA 1001, Orientation to Parks, Recreation, and Hospitality Administration from the course descriptions and affected curricula; and (2) add one hour of elective to the Curriculum in Recreation and Park Administration: Recreation Administration Emphasis, Therapeutic Recreation Emphasis, Park Administration Emphasis, Turf Management Emphasis, and Interpretation Emphasis and the Curriculum in Hospitality Administration;
- i. modify the Curriculum in Recreation and Park Administration: Turf Management Emphasis as follows: (1) delete RP 1001, Orientation to Parks, Recreation, and Hospitality Administration; (2) delete AGSS 2013, Soils; (3) delete AGPS 1023, General Horticulture; (4) delete LBMD 2001, Introduction to Library Resources; (5) delete CHEM 2143, Environmental Chemistry; (6) delete RP 3053, Natural Resources Management and Planning; (7) delete HA 4023, Hospitality Facilities Management and Design; (8) delete RP 4093, Resort Management; (9) delete one hour of approved electives; (10) add AGEG 3003, Solving Agricultural Problems; (11) AGPS 3053, Weeds and Weed Control; (12) AGPS 3244, Plant Pathology; (13) AGSS 3033, Soil Fertility; (14) AGPS 1024, General Horticulture; and (15) AGSS 2014, Soils; and
- j. modify the Curriculum in Recreation and Park Administration: Recreation Administration Emphasis as follows: (1) add RP 3503, Recreational Sport Management; and (2) delete 3 hours of approved electives.

III. Review of General Education Goals

IV. Adjournment

**Minutes of
Curriculum Committee
Of
Arkansas Tech University**

The Curriculum Committee met in Pendergraft, Room 325, on Friday, November 18, 2005, at 3 p.m. The following members were present: Dr. Glen Bishop, Dr. Sherman Alexander, Dr. Randy Kirkpatrick, Dr. Micheal Tarver, Dr. David Hoelzeman, Dr. Tim Carter, Dr. Richard Smith, Dr. Deborah Wilson, Ms. Tammy Rhodes, Dr. Lyman Harris, and Mr. Lance Fetters. Dr. Cathy Baker, Ms. Jennifer Helms, and Ms. Nicole Goodlett were absent. Dr. Pam Carr, Dr. Williams Hoefler, Dr. Tim Howe, Dr. Joe Stoeckel, Dr. Rebecca Burris, and Dr. Molly Brant were guests.

**CALL TO
ORDER**

Dr. Bishop called the meeting to order and asked for approval of the Minutes from the October 7, 2005 and October 28, 2005. Motion by Dr. Smith, seconded by Dr. Wilson, to approve the minutes with corrections. Motion carried.

**NEW BUSINESS:
CURRICULAR
ITEMS**

Department of Accounting

Motion by Dr. Hoelzeman, seconded by Mr. Fetters, to approve the proposal as follows: add ACCT 3023, Accounting Information Systems, to the course descriptions. Motion carried.

Department of Business and Economics

Motion by Dr. Hoelzeman, seconded by Dr. Wilson to approve the proposals as follows: (a) change the title of MGMT 3103, Production Management, to Operations Management; change the prerequisite from *COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, and BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior*, to *MGMT 2013, Management Productivity Tools, BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior*; and modify the course description; and (b) add MGMT 2013, Management Productivity Tools, as a prerequisite for MGMT 4013, Management Information Systems. Motion carried.

Department of Music

Motion by Dr. Smith, seconded by Dr. Wilson, to approve the proposal as follows: move the listing in the course descriptions from the Music section to the Musical Performance section for MUS 1601/3601, Orchestral Repertoire, and modify the course description. Motion carried.

Department of Biological Sciences

Motion by Dr. Wilson, seconded by Dr. Smith, to approve the proposal as follows: modify the Curriculum in Fisheries and Wildlife Biology as follows: add FW 3173, Biostatistics, as an upper-division mathematics alternative; and add BIOL 3174, Physiological Ecology, as a physiology alternative. Motion carried.

Department of Nursing

Motion by Dr. Wilson, seconded by Dr. Smith, to approve the proposals as follows: (a) change the course number for NUR 3502, Nursing Skills II, to 3513; and (b) modify the Curriculum in Nursing as follows: change NUR 3502, Nursing Skills II, to NUR 3513; and reduce the upper division Nursing Electives by one hour. Motion carried.

Department of Agriculture

Motion by Dr. Carter, seconded by Dr. Smith, to approve the proposals as follows:

- (a) add AGBU 1013, Principles of Agricultural Business, to the course descriptions;
- (b) add AGBU 3213, Career Development in Agriculture, to the course descriptions;
- (c) modify the course description for AGBU 4023, Agricultural Finance;
- (d) add AGBU 4053, Agricultural Price Analysis, to the course descriptions;
- (e) add AGBU 4063, Agricultural Investments, to the course descriptions;
- (f) change the course number of AGSS 2013, Soils, to AGSS 2014; add two hours of laboratory; and modify the course description;
- (g) change the title of AGPS 1003, Field Crops, to Principles of Crop Science; and modify the course description;
- (h) change the number and title of AGPS 1023, General Horticulture, to AGPS 1024, Principles of Horticulture; add two hours of laboratory, and modify the course description accordingly;
- (i) change the course numbers as follows for the indicated courses, add two hours of laboratory to each, and modify the course descriptions accordingly: (1) AGAS 1013, Principles of Animal Science, to AGAS 1014; (2) AGAS 3003, Reproduction in Farm Animals, to AGAS 3004; (3) AGAS 3013, Beef Cattle Management, to AGAS 3014; (4) AGAS 3103, Swine Management, to AGAS 3104; (5) AGPS 3023, Forage Crops and Pasture Management, to AGPS 3024; (6) AGPS 3043, Plant Propagation, to AGPS 3044; (7) AGPS 3063, Vegetable Growing, to AGPS 3064; and (8) AGPS 3073, Floriculture, to AGPS 3074;
- (j) (1) Agricultural Animal Science courses: prerequisite changes for AGAS 2083, Feed and Feeding, AGAS 3004, Reproduction in Farm Animals, AGAS 3014, Beef Cattle Management, AGAS 3104, Swine Management, and AGAS 3113, Light Horse Production from AGAS 1013 (old number) to AGAS 1014 (new number); (2) Agricultural Business and Economics courses: addition of prerequisite of AGBU 1013, Principles of Agricultural Business, to AGBU 2063, Principles of Agricultural Macroeconomics, AGBU 2073, Principles of Agricultural Microeconomics, and AGBU 4003, Agri-Business Management; and change the course description of AGBU 4023, Agricultural Finance; (3)

Agricultural Engineering/Mechanization courses: prerequisite change for AGEG 3413, Agricultural Waste Management, from AGSS 2013 (old number) to AGSS 2014 (new number); (4) Agricultural Plant Science courses: add AGPS 1003, Principles of Crop Science, as a prerequisite for AGPS 3024, Forage Crops and Pasture Management; and add AGPS 1024, Principles of Horticulture, as a prerequisite for AGPS 3044, Plant Propagation, AGPS 3053, Weeds and Weed Control, AGPS 3064, Vegetable Growing, AGPS 3074, Floriculture, AGPS 3083, Small Fruit and Nut Culture, AGPS 3093, Greenhouse Operation and Management, and AGPS 4103, Crop and Garden Insects; (5) Agricultural Soil Science courses: prerequisite change for AGSS 3033, Soil Fertility, from AGSS 2013 (old number) to AGSS 2014 (new number). (Note: all other changes indicated are covered in previous proposals.)

- (k) modify the Curriculum in Agricultural Business as follows: (1) add AGBU 1013, Principles of Agricultural Business; (2) add AGBU 3213, Career Development in Agriculture; (3) add AGBU 4033, Agricultural Policy; (4) add AGPS 1024, Principles of Horticulture; (4) delete ACCT 2013, Accounting Principles II; (5) delete AGAS 2083, Feeds and Feeding; (6) AGBU 3133, Intermediate Agricultural Macroeconomics; (7) delete 3 hours of Agricultural Electives; (8) delete 3 hours of Electives; (9) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number); and (10) change AGSS 2013 (old number), Soils, to AGSS 2014 (new number);
- (l) modify the Curriculum in Agriculture Business (Horticulture Business Option) as follows: (1) add AGAS 1014, Principles of Animal Science; (2) add AGBU 1013, Principles of Agricultural Business; (3) add AGBU 3213, Career Development in Agriculture; (4) add AGBU 4023, Agricultural Finance; (5) AGBU 4033, Agricultural Policy; (6) delete ACCT 2013, Accounting Principles II; (7) delete AGPS 3053, Weeds and Weed Control; (8) delete 12 hours of Agricultural Electives; (9) delete 2 hours of Electives; (10) change AGPS 1023 (old number), Principles of Horticulture, to AGPS 1024 (new number); (11) change AGPS 3043 (old number), Plant Propagation, to AGPS 3044 (new number); (12) change AGPS 3063 (old number), Vegetable Growing, to AGPS 3064 (new number); and (13) change AGSS 2013 (old number), Soils, to AGSS 2014 (new number);
- (m) modify the Curriculum in Agricultural Business (Animal Science Option) as follows: (1) add AGBU 1013, Principles of Agricultural Business; (2) add AGBU 3213, Career Development in Agriculture; (3) add AGBU 4033, Agricultural Policy; (4) add AGEG 3413, Agricultural Waste Management; (5) add AGPS 1003, Principles of Crop Science; (6) add AGPS 1024, Principles of Horticulture; (7) add AGPS 3244, Plant Pathology; (8) add CHEM 1114, A Survey of Chemistry; (9) delete ACCT 2013, Accounting Principles II; (10) delete AGAS 1011, Principles of Animal Science Laboratory; (11) delete AGAS 3113, Light Horse Production; (12) delete 3 hours of Poultry Science; (13) delete BIOL 3054, Microbiology; (14) delete CHEM 2124, General Chemistry I; (15) delete CHEM 2134, General Chemistry II; (16) delete 10 hours of electives; (17) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number); (18) change AGAS 3003 (old number), Reproduction in Farm Animals, to AGAS 3004 (new number); (19) change AGAS 3013 (old number), Beef Cattle Management, to AGAS 3014 (new number); (20) change AGAS 3103 (old

number), Swine Management, to AGAS 3104 (new number); and (21) change AGSS 2103 (old number), Soils, to AGSS 2014 (new number); and

(n) change the title for the Curriculum in Pre-Veterinary Medicine to Curriculum in Agriculture Business (Pre-Veterinary Medicine Option) and modify the curriculum as follows: (1) add ACCT 2003, Principles of Accounting I; (2) add AGBU 1013, Principles of Agricultural Business; (3) add AGBU 2063, Principles of Agricultural Macroeconomics; (4) add AGBU 2073, Principles of Agricultural Microeconomics; (5) add AGBU 3213, Career Development in Agriculture; (6) add AGBU 4003, Agri-Business Management; (7) add AGBU 4013, Agricultural Marketing; (8) add AGBU 4023, Agricultural Finance; (9) add AGBU 4033, Agricultural Policy; (10) add AGEF 3413, Agricultural Waste Management; (11) add AGPS 3244, Plant Pathology; (12) add BUAD 2033, Legal Environment of Business; (13) add 3 hours of fine arts; (14) add MATH 2163, Introduction to Statistical Methods; (15) add 2 hours of Physical Activity; (16) add 6 hours of social sciences; (17) delete the 3 hour Animal or Poultry Science Elective; (18) delete AHS 2013, Medical Terminology; (19) delete BIOL 4054, Vertebrate Histology; (20) delete 3 hours electives; (21) delete MATH 1203, Plane Trigonometry; and (22) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number). Motion by Dr. Tarver, seconded by Dr. Smith, to approve the above proposals with addition of the Departmental Notification sheet submitted to the Registrar. Motion carried.

Department of Parks, Recreation, and Hospitality Administration

Motion by Dr. Wilson, seconded by Dr. Hoelzeman, to approve the proposals as follows:

- (a) modify the course description for RP 3093, Interpretive Methods;
- (b) add RP 3503, Recreational Sport Management, to the course descriptions;
- (c) change the title for RP 3993, Advanced Firefighting-Wildland/Urban Interface, to Wildland Fire Practices in Natural Resource Management, and modify the course description;
- (d) modify the course description for RP/HA 4001, Internship Preparation;
- (e) modify the course description for HA 4063, Beverage Management;
- (f) modify the course description for HA 4073, Hospitality Financial Analysis;
- (g) modify the course description for RP/HA 4116, Internship;
- (h) (1) delete RP/HA 1001, Orientation to Parks, Recreation, and Hospitality Administration from the course descriptions and affected curricula; and (2) add one hour of elective to the Curriculum in Recreation and Park Administration: Recreation Administration Emphasis, Therapeutic Recreation Emphasis, Park Administration Emphasis, Turf Management Emphasis, and Interpretation Emphasis and the Curriculum in Hospitality Administration;
- (i) modify the Curriculum in Recreation and Park Administration: Turf Management Emphasis as follows: (1) delete RP 1001, Orientation to Parks, Recreation, and Hospitality Administration; (2) delete AGSS 2013, Soils; (3) delete AGPS 1023, General Horticulture; (4) delete LBMD 2001, Introduction to Library Resources; (5) delete CHEM 2143, Environmental Chemistry; (6) delete RP 3053, Natural Resources Management and Planning; (7) delete HA 4023, Hospitality Facilities Management and Design; (8) delete RP 4093, Resort Management; (9) delete one

hour of approved electives; (10) add AGEG 3003, Solving Agricultural Problems; (11) AGPS 3053, Weeds and Weed Control; (12) AGPS 3244, Plant Pathology; (13) AGSS 3033, Soil Fertility; (14) AGPS 1024, General Horticulture; and (15) AGSS 2014, Soils; and

- (j) modify the Curriculum in Recreation and Park Administration: Recreation Administration Emphasis as follows: (1) add RP 3503, Recreational Sport Management; and (2) delete 3 hours of approved electives. Motion carried.

Department of Curriculum and Instruction

Motion by Dr. Wilson, seconded by Mr. Fetters, to approve the proposals as follows: (a) correction to course number for MLED 4023/5023 Teaching the Young Adolescent to MLED 4013/5013. MLED 4023 is currently taught as Guided Field Experiences; and (b) modify the Curriculum in Early Childhood Education, Middle Level Education in Mathematics and Science Licensure, and Middle Level Education in English Language Arts/Social Studies Licensure as follows: delete HIST 4153, History of Arkansas, and add HIST 2153, Introduction to Arkansas History. Motion carried.

REVIEW OF GENERAL EDUCATION GOALS

The committee will start the review process of the general education goals at the next meeting. Dr. Tarver will distribute a letter to the committee.

ADJOURNMENT

The meeting adjourned at 4:15 p.m.

Sincerely,

Dr. Glen Bishop, Chair

Dr. Richard Smith, Secretary

Curriculum Committee
AGENDA
Friday, December 9, 2005
Pendergraft 325

I. Call to Order

- A. Approval of minutes for the November 18, 2005, meeting

II. New Business

- A. Review of General Education Goals

III. Adjournment

**Minutes of
Curriculum Committee
Of
Arkansas Tech University**

The Curriculum Committee met in Pendergraft, Room 325, on Friday, December 9, 2005, at 3 p.m. The following members were present: Dr. Glen Bishop, Dr. Sherman Alexander, Dr. Micheal Tarver, Dr. David Hoelzeman, Dr. Tim Carter, Dr. Richard Smith, Ms. Tammy Rhodes, Dr. Lyman Harris, Dr. Cathy Baker, Ms. Jennifer Helms, and Ms. Nicole Goodlett. Dr. Deborah Wilson, Dr. Randy Kirkpatrick, and Mr. Lance Fetters were absent.

**CALL TO
ORDER**

Dr. Bishop called the meeting to order and asked for approval of the Minutes from the November 18, 2005. Motion by Dr. Smith, seconded by Dr. Hoelzeman, to approve the minutes. Motion carried.

**NEW BUSINESS:
REVIEW OF GENERAL
EDUCATION GOALS**

Members reviewed the draft of the letter to be sent to department heads. Dr. Hoelzeman provided written comments for possible revision of the draft. Dr. Smith agreed to make the discussed revisions to the draft that will be distributed to the members for review.

ADJOURNMENT

The meeting adjourned at 4:00 p.m.

Sincerely,

Dr. Glen Bishop, Chair

Dr. Richard Smith, Secretary

Curriculum Committee
AGENDA
Friday, February 10, 2006
Pendergraft 325
3:00 p.m.

I. Call to Order

- A. Approval of minutes for the December 9, 2005, meeting

II. New Business

- A. Discussion of Review of General Education Goals
- B. Student Involvement in Review of General Education Goals
- C. Review Letter to Departments

III. Adjournment

Minutes of
Curriculum Committee
Of
Arkansas Tech University

The Curriculum Committee met in Pendergraft, Room 325, on Friday, February 10, 2006, at 3 p.m. The following members were present:

Dr. Glen Bishop, Dr. Sherman Alexander, Dr. Micheal Tarver, Dr. David Hoelzeman, Dr. Richard Smith, Ms. Tammy Rhodes, Dr. Lyman Harris, Dr. Cathy Baker, Dr. Deborah Wilson, Dr. Randy Kirkpatrick, and Ms. Nicole Goodlett. Ms. Casey Stephens, Dr. Tim Carter, and Ms. Jennifer Helms were absent. Guests were Dr. David Underwood and Dr. Carey Roberts.

CALL TO ORDER

Dr. Bishop called the meeting to order and asked for approval of the Minutes from the December 9, 2005. Motion by Dr. Smith, seconded by Dr. Wilson, to approve the minutes. Motion carried.

NEW BUSINESS: REVIEW OF GENERAL EDUCATION GOALS

Dr. Smith asked for clarification of the role of the Curriculum Committee in regards to the request for review of the General Education goals. Dr. Underwood indicated that the Curriculum Committee might ask the following questions: Are the current goals still appropriate? Should any of the current goals be revised? Should any of the current goals be deleted? Should new goals be added? Dr. Underwood indicated that the goals should reflect what a generally educated student should know. Dr. Underwood stated that the Curriculum Committee was not responsible for determining assessment of the goals.

Ms. Goodlett requested that members of the student body be allowed to assist in the process of the review of General Education goals by assisting members with research. Ms. Goodlett and other students will research goals of other Arkansas schools and present finding to the committee. Ms. Rhodes will provide Ms. Goodlett with a list of schools with contact information.

After discuss, the committee decided to send the department heads the letter requesting faculty involvement in review of the goals. Dr. Tarver and Ms. Rhodes agreed to make final revisions of the letter and distribute to the department heads. Friday, March 17, was suggested as the deadline for department head to respond to the letter.

MEETING DATE AND TIME

The next Curriculum Committee meeting will be held on Friday, March 31, 2006, in RPL 325, at 3:00 p.m.

ADJOURNMENT

The meeting adjourned at 4:08 p.m.

Sincerely,

Dr. Glen Bishop, Chair

Dr. Richard Smith, Secretary

Curriculum Committee
AGENDA
Friday, March 31, 2006
Pendergraft 325
3:00 p.m.

I. Call to Order

- A. Approval of minutes for the February 10, 2006, meeting

II. Old Business

- A. General Education Goals

- 1. Review Department Recommendations
 - 2. Update of Student Involvement

III. New Business

VI. Adjournment

Minutes of
Curriculum Committee
Of
Arkansas Tech University

The Curriculum Committee met in Pendergraft, Room 325, on Friday, March 31, 2006, at 3 p.m. The following members were present: Dr. Glen Bishop, Dr. Sherman Alexander, Dr. Micheal Tarver, Dr. David Hoelzeman, Dr. Richard Smith, Dr. Lyman Harris, Dr. Deborah Wilson, Dr. Randy Kirkpatrick, Ms. Jennifer Helms, and Ms. Nicole Goodlett. Ms. Tammy Rhodes, Dr. Cathy Baker, Ms. Casey Stephens, and Dr. Tim Carter were absent.

CALL TO ORDER

Dr. Bishop called the meeting to order and asked for approval of the Minutes from the February 10, 2006. Motion by Dr. Smith, seconded by Dr. Wilson, to approve the minutes. Motion carried.

OLD BUSINESS:

Dr. Tarver presented the results of the polling of the faculty regarding TECH's mission statement and general education goals. Returns were received from approximately fifty percent of the academic departments. Discussion of these comments as well as the mission statements and general education goals of other Arkansas institutions of higher education followed. Motion by Dr. Smith, seconded by Dr. Kirkpatrick that a subcommittee of Drs. Tarver, Carter, and Wilson be formed to prepare a draft of TECH's general education goals reflecting the faculty input. Motion carried.

NEW BUSINESS:

There was no new business.

MEETING DATE AND TIME:

The next meeting of the Curriculum Committee will be held on Friday, April 28, 2006, in RPL 325, at 3:00 p.m.

ADJOURNMENT:

The meeting adjourned at 3:40 p.m.

Sincerely,

Dr. Glen Bishop, Chair

Dr. Richard Smith, Secretary

Minutes of
THE FACULTY SENATE
OF
ARKANSAS TECH UNIVERSITY

The Faculty Senate met Thursday, October 13, 2005, at 4 p.m. in Room 325 of the Ross Pendergraft Library and Technology Center. The following members were present:

Ms. Peggy Lee	Dr. Joe Moore
Dr. Carey Roberts	Mr. Rick Ihde
Dr. Jeff Robertson	Dr. Shelia Jackson
Dr. Jeff Mitchell	Dr. Trey Philpotts
Dr. Robert Fithen	Ms. Marti Wilkerson
Dr. Scott Kirkconnell	Ms. Sarah Robison
Dr. Brenda Montgomery	Dr. Richard Knight

Dr. Carl Greco and Dr. Sid Womack were absent. Dr. Donna Vocate, Dr. Robert Allen, and Dr. Richard Smith were visitors.

CALL TO ORDER
APPROVAL OF
MINUTES

President Wilkerson called the meeting to order and asked for action on the September 15, 2005, minutes. Motion by Dr. Jackson, seconded by Dr. Knight, to dispense with the reading of the minutes. Motion carried. There being no amendments or corrections, motion by Ms. Lee, seconded by Dr. Jackson, to approve the minutes as distributed. Motion carried.

NEW BUSINESS:
CURRICULAR
ITEMS

The following actions were taken with regards to recommendations from the Curriculum Committee:

Motion by Dr. Jackson, seconded by Dr. Montgomery, to consider all proposals from each department together for the purposes of making motions for approval. Motion carried.

A. Department of Social Sciences and Philosophy

Motion by Dr. Roberts, seconded by Mr. Ihde, to: (1) add a minor in Geography requiring the following: GEOG 2013, Regional Geography of the World; GEOG 2023, Human Geography; and 12 hours of Geography electives with no more than 3 hours in GEOG 4991-4, Special Problems in Geography; and (2) add PHIL 4103, Advanced Logic, and PHIL 4093, American Philosophy, as additional courses eligible to be taken for completion of a minor in Philosophy (i.e., six hours from PHIL 2013, PHIL 3023, PHIL 3033, PHIL 3053, PHIL 3063, and PHIL 4103, and six hours from PHIL 3003, PHIL 3013, PHIL 3113, PHIL 3203, and PHIL 4093). Motion carried.

B. Department of Speech, Theatre, and Journalism

Motion by Dr. Roberts, seconded by Dr. Montgomery, to change the title of SPH 3073, Group Discussion, to Group Communication, and change the course description. Motion carried.

C. Department of Biological Sciences

Motion by Dr. Jackson, seconded by Dr. Mitchell, to change the course number of BIOL 4091, Coastal Ecology, to BIOL 4094; add prerequisites: BIOL 2124, Principles of Zoology, and BIOL 2134, Principles of Botany; modify the course description; and approve the change for implementation by May, 2006. Motion carried.

D. Department of Physical Sciences

President Wilkerson noted that items a and f on the agenda for Physical Sciences would not be considered at this meeting. Motion by Mr. Ihde, seconded by Dr. Mitchell, to: (1) (a) combine CHEM 3341, Biochemistry Laboratory, and CHEM 3343, Principles of Biochemistry, into a single course, CHEM 3344, Principles of Biochemistry, and change the course description; (b) modify the Curriculum in Chemistry General Option as follows: change CHEM 3343, Principles of Biochemistry, to CHEM 3344, and reduce electives from 4 hours to 3 hours; and (c) modify the Curriculum in Chemistry A.C.S. Option as follows: change CHEM 3343, Principles of Biochemistry, to CHEM 3344, and reduce electives from 3 hours to 2 hours; (2) modify the Curriculum in the Geology Professional Option (as shown in the 2005 Freshman Catalog Supplement) as follows: (a) delete AMST 2003, American Studies; (b) require GEOG 2013, Regional Geography of the World; (c) delete ENGL 2003, Introduction to World Literature, or PHIL 2003, Introduction to Philosophy; (d) add General Education Humanities 3 hours with footnote 1; and (e) add footnote 4 to GEOL 3124, Invertebrate Paleontology, or Elective; (3) modify the Curriculum in Physical Science Physics Option (as shown in the 2005 Freshman Catalog Supplement) as follows: (a) delete MATH 1113, College Algebra; (b) delete MATH 1203, Plane Trigonometry; (c) require MATH 1914, Precalculus; (d) reduce Electives from 3 hours to 2 hours; (e) change Electives from 6 hours to 6-3 hours to balance with PHYS 4991-4; (f) change footnote 3 to read: Seven hours of electives must be from physical sciences, biology, engineering, computer sciences; and (g) change footnote 4 to read: Must complete both PHYS 4113 and 3 hours PHYS Electives (PHYS course offered in alternating years); and (4) modify the Curriculum in Physical Science Nuclear Physics Option as follows: (a) add ELEG, 2103, Electric Circuits I, ELEG 2111, Electric Circuits Laboratory, and ELEG 2113, Electric Circuits II; (b) replace PHYS 4991, Special Problems, with PHYS 4991-4, Special Problems; and (c) adjust Electives accordingly. Motion carried.

ATU BIODIESEL
PROJECT

President Wilkerson stated that she had requested that Dr. Allen attend today's meeting to discuss his ongoing biodiesel project as it relates to efforts in energy conservation. Dr. Allen stated this project evolved from his teaching interests and a need to demonstrate effectively to his classes how to handle large amounts of materials. He started making biodiesel at home and has been making sufficient quantities to use as fuel for his own personal automobile for the past few years. Dr. Allen stated that during the past school year students in chemistry, engineering, and business participated in a consortium with funding provided by research grants. The students had specific research interests, with the students in business being responsible for developing plans for the production and sale of a biodiesel product. He reported that the business students had won a competition for their business design. Dr. Allen indicated that the cost of production of a gallon of biodiesel, using waste

vegetable oils from restaurants and purchasing a few chemicals, was less than \$1 per gallon. He stated that Dr. Loretta Cochran, one of the faculty advisors for the business students' project, had indicated that the cost per gallon for large scale production of biodiesel would likely be less than \$.50 per gallon. Dr. Allen noted that Dr. Cochran is investigating the formation of a for profit corporation for production of biodiesel to be marketed to a wholesale diesel distributor who would blend the product for actual sale. Under this scenario, the University would be paid a royalty from the corporation for intellectual contributions of the faculty and students involved. President Wilkerson thanked Dr. Allen for his comments.

SOCIAL SECURITY NUMBERS ON THE WEBSITE

President Wilkerson stated that Dr. Mitchell had asked for this item to be placed on the agenda and asked Dr. Mitchell to address the Senate. Dr. Mitchell reported that he had happened to find an unprotected webpage on the Tech website that asked for a social security number. He stated that after a search he had found five webpage forms on the Tech server that requested social security numbers even though the page was not secure. He asked that the Senate consider requesting the Administration to notify the various departments to discontinue this practice. President Wilkerson stated that she had spoken to Dr. Underwood about this issue, and he is unaware of any area on the Tech website where the social security numbers are not secure or hidden. Dr. Kirkconnell noted that even asking for the social security number at all may not be appropriate. Motion by Dr. Philpotts, seconded by Mr. Ihde, to ask Dr. Underwood to attend next month's meeting to discuss this issue. Motion carried.

OLD BUSINESS: UPDATES AND DISCUSSION

President Wilkerson reported that she had spoken to Steve Milligan concerning access to the elected standing committee page where the committee chairs are listed along with links to committee minutes. She reported that he has now given her access, and she plans to update the listing soon.

President Wilkerson announced that the meeting with the Faculty Senate representatives from other four-year institutions will be held tomorrow with approximately ten attendees. She will discuss with the representatives the feasibility of a continuing consortium.

FACULTY FITNESS

President Wilkerson reported that Dr. Jeff Woods, chair of the Faculty Salary, Benefits, and Awards Committee, had looked into whether faculty fitness efforts could have a positive impact upon health insurance rates. He found that the insurance rates would most likely not be impacted by such efforts, at least not in the short term. President Wilkerson reported that she asked Dr. Hamm if a comprehensive health/wellness program was planned for the University, and noted that he had not been aware of any such plans. President Wilkerson stated that she had drafted a fitness survey to send out to the faculty and asked that the Senators review the survey and let her know by email of changes, additions, or deletions. She also distributed a draft Statement of Support for Faculty Fitness that would be sent out to faculty. President Wilkerson asked that this also be reviewed and stated that she would discuss these items at next month's meeting.

CARPOOLING

President Wilkerson advised that she had spoken with Lance Fetters, SGA President, concerning the issue of carpooling and that he indicated his impression that the students interested in carpooling are already doing so. She distributed a draft survey that would go to faculty concerning this subject and asked if the Senators were interested in pursuing this

issue. It was suggested that at the very least an electronic bulletin board might be set up to help those wishing to carpool to find other interested parties. President Wilkerson asked that the Senators consider this issue and let her know by email any suggestions.

OPEN FORUM

Dr. Roberts stated that page 25 of the *Faculty Handbook* lists the “types” of courses for which student evaluations must be done each semester (i.e., lower level, upper level, general education, graduate course). He stated that he had been told that web courses were now also considered a “type” of course and asked if the same evaluation form was appropriate for web courses. Discussion included how students can evaluate English fluency of the instructor for a web course, how students can evaluate a textbook if none is required, and the possibility of revising the form to allow for a “not applicable” choice. President Wilkerson stated that this item would be placed on the agenda for the next meeting and that she would ask Dr. Underwood to also address these concerns.

ANNOUNCEMENTS/
INFORMATION
ITEMS

President Wilkerson reported that Mr. Fetters had invited the Senate to a luncheon hosted by the SGA on Monday, November 14, at noon in the East Dining Room. She distributed a signup sheet for those interested in attending and stated that she would send out a reminder of the luncheon.

ADJOURNMENT

The meeting adjourned at 5:05 p.m.

Respectfully submitted,



Marti Wilkerson, M.R.C., President



Carey Roberts, Ph.D., Secretary

Minutes of
THE FACULTY SENATE
OF
ARKANSAS TECH UNIVERSITY

The Faculty Senate met Thursday, November 10, 2005, at 4 p.m. in Room 325 of the Ross Pendergraft Library and Technology Center. The following members were present:

Ms. Peggy Lee	Dr. Richard Knight
Dr. Carey Roberts	Mr. Rick Ihde
Dr. Jeff Robertson	Dr. Shelia Jackson
Dr. Jeff Mitchell	Dr. Trey Philpotts
Dr. Carl Greco	Ms. Marti Wilkerson
Dr. Scott Kirkconnell	Ms. Sarah Robison
Dr. Brenda Montgomery	

Dr. Sid Womack, Dr. Robert Fithen, and Dr. Joe Moore were absent. Dr. Richard Smith, Dr. David Underwood, Dr. Annette Holeyfield, Ms. Denise Sery, Dr. Ursula Chandler, Dr. David Bell, Dr. Cathy Caldwell, Dr. Don Carnahan, Dr. Deborah Barber, Dr. John Krohn, Dr. Larry Morell, Dr. Ron Nelson, and Dr. Micheal Tarver were visitors.

CALL TO ORDER
APPROVAL OF
MINUTES

President Wilkerson called the meeting to order and asked for action on the October 13, 2005, minutes. Motion by Dr. Jackson, seconded by Dr. Montgomery, to dispense with the reading of the minutes. Motion carried. There being no amendments or corrections, motion by Ms. Robison, seconded by Ms. Lee, to approve the minutes as distributed. Motion carried.

NEW BUSINESS:
CURRICULAR
ITEMS

President Wilkerson thanked Dr. Smith for attending and representing the Curriculum Committee. The following actions were taken with regards to recommendations from the Curriculum Committee:

Motion by Dr. Mitchell, seconded by Dr. Roberts, to suspend the order of the agenda and move consideration for the proposals from Social Sciences and Philosophy to follow those from Military Science as Dr. Tarver will defend both sets of proposals. Motion carried.

Motion by Dr. Jackson, seconded by Dr. Knight, to consider all proposals from each department together for the purposes of making motions for approval. Motion carried.

A. Department of Curriculum and Instruction

Motion by Dr. Robertson, seconded by Dr. Greco, to: (1) add MLED 4023, Teaching the Young Adolescent, to the course descriptions; (2) add MLED 4033, Young Adolescent Growth and Development, to the course descriptions; (3) add MLED 4043, Diversity in the Middle Level Classroom, to the course descriptions; and (4) (a) change MLED 2002, Introduction to Education, to MLED 2003; (b) modify the Curriculum in Middle Level Education (Curriculum in Mathematics and Science Licensure) as follows: change MLED 2002, Introduction to Education, to MLED 2003, and delete one hour of elective; and (c) modify the Curriculum in Middle Level Education (Curriculum in English Language Arts/Social Studies Licensure) as follows: change MLED 2002, Introduction to Education, to MLED 2003, and delete one hour of elective. Motion carried.

B. Department of Health and Physical Education

Motion by Dr. Jackson, seconded by Dr. Philpotts, to: (1) add PE 1301, Beginning Ballet I, to the course descriptions; (2) add PE 1311, Beginning Ballet II, to the course descriptions; (3) add PE 1321, Intermediate Ballet I, to the course descriptions; (4) add PE 1331, Intermediate Ballet II, to the course descriptions; (5) add PE 1341, Intermediate Ballet III, to the course descriptions; (6) add PE 1351, Intermediate Ballet IV, to the course descriptions; (7) add PE 1361, Advanced Ballet I, to the course descriptions; and (8) add PE 1371, Advanced Ballet II, to the course descriptions. Motion carried.

C. Department of Art

Motion by Dr. Philpotts, seconded by Dr. Greco, to: (1) change the title of ART 2103, Art History I, World, to Art History I, and change the course description; (2) change the title of ART 2113, Art History II, World, to Art History II, and change the course description; (3) add ART 4123, Art History, Medieval, to the course descriptions; and (4) add ART 4723, Art History Seminar, to the course descriptions. Motion carried.

D. Department of Foreign Languages and International Studies

Motion by Dr. Robertson, seconded by Dr. Jackson, to approve the proposals for Foreign Languages and International Studies. After discussion, motion to amend by Dr. Philpotts, seconded by Dr. Greco, to consider the two proposals separately for approval/voting purposes. Motion carried. Following two separate votes, the following items were approved: (1) add FR/GER/SPAN 4003, Oral Communication, to the course descriptions; and (2) (a) modify the catalog description on page 147, of the 2005-06 catalog, by the heading of Foreign Languages, as follows: change *requires 34 hours in a foreign language* to *requires 38 hours in a foreign language*; and (b) modify prerequisites as follows: SPAN 3003, Conversation and Composition I, change prerequisite from SPAN 2024 or equivalent to SPAN 2024 or permission of instructor; SPAN 3013, Conversation and Composition II, change prerequisite from SPAN 3003 or equivalent to SPAN 3003 or permission of instructor; SPAN 3113, Business Spanish, add prerequisite SPAN 3003 or permission of instructor; SPAN 3123, Spanish Civilization and Culture, change prerequisite from SPAN 2024 or equivalent to SPAN 3013 or permission of instructor; SPAN 3133, Spanish-American Civilization and Culture, change prerequisite from SPAN 2024 or equivalent to SPAN 3013 or permission of instructor; SPAN 3213, Advanced Grammar and Usage, change prerequisite from SPAN 3013 to SPAN 3013 or permission of instructor; SPAN 3223, Short Story, change prerequisite from SPAN 3013 to SPAN 3013 or permission of instructor; SPAN 4003, Oral Communications, add prerequisite SPAN 3013 or permission of instructor; SPAN 4213, Spanish Literature, change prerequisite from SPAN 2024 or equivalent to SPAN 3223 or permission of instructor; SPAN 4223, Spanish-American Literature, change prerequisite from SPAN 2024 or equivalent to SPAN 3223 or permission of instructor; FR/GER 3003, Conversation and Composition I, change prerequisite from FR/GER 2024 or equivalent to FR/GER 2024 or permission of instructor; FR/GER 3013, Conversation and Composition II, change prerequisite from FR/GER 3003 or equivalent to FR/GER 3003 or permission of instructor; FR/GER 3113, Culture and Civilization, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3013 or permission of instructor; FR/GER 3213, Advanced Grammar and Usage, change prerequisite from FR/GER 3013 to

FR/GER 3013 or permission of instructor; FR/GER 3223, Short Story, change prerequisite from FR/GER 3013 to FR/GER 3013 or permission of instructor; FR/GER 4003, Oral Communication, add prerequisite FR/GER 3013 or permission of instructor; FR/GER 4213, French Literature to 1800/German Literature to 1832, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3223 or permission of instructor; and FR/GER 4223, French Literature since 1800/German Literature since 1832, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3223 or permission of instructor. Motion to approve carried.

E. Department of Music

Motion by Dr. Greco, seconded by Dr. Knight, to modify the course description for MUS 3702, Music Educational Technology. Motion carried.

F. Department of Speech, Theatre, and Journalism

Motion by Dr. Philpotts, seconded by Dr. Greco, to: (1) delete SPH 1011, Orientation to Speech Communication Studies, from the course descriptions; (2) delete SPH 1021, Listening, from the course descriptions; (3) delete SPH 1031, Parliamentary Procedures, from the course descriptions; and (4) modify the curriculum in Speech (Speech Communication Option) as follows: delete SPH 1011, Orientation to Speech Communication Studies, and SPH 1021, Listening, and add two hours of SPH Electives. Motion carried.

G. Department of Physical Sciences

Motion by Dr. Roberts, seconded by Dr. Jackson, to: (1) remove corequisite MATH 3243, Differential Equations I, from PHYS 3213, Modern Physics; (2) modify the Curriculum in Physical Science and Earth Science for Teacher Licensure as follows: delete MATH 1113, College Algebra; add MATH 1914, Precalculus; and delete one hour of PE Activity; (3) modify the Curriculum in Geology (Environmental Option) (as shown in the 2005 Freshman Catalog Supplement) as follows: (a) delete AMST 2003, American Studies; (b) require GEOG 2013, Regional Geography of the World; (c) delete ENGL 2003, Introduction to World Literature, or PHIL 2003, Introduction to Philosophy; (d) add General Education Humanities 3 hours with footnote 1; and (e) require BIOL 3043, Conservation, or a three-hour upper-division elective in the Junior Fall Semester and in the Senior Fall Semester (i.e., if cannot take BIOL 3043 in Junior Fall Semester, then take a three-hour upper-division elective and take BIOL 3043 in the Senior Fall Semester or vice versa); and (4) modify the Curriculum in Pre-Pharmacy as follows: (a) delete BIOL 2124, Principles of Zoology, BIOL 2134, Principles of Botany, MATH 1113, College Algebra, MATH 1203, Plane Trigonometry, PHYS 2024, Physical Principles II, and ACCT 2003, Accounting Principles I; (b) add BIOL 1114, Principles of Biology, BIOL 2014, Human Anatomy, MATH 2914, Calculus I, ECON 2003, Principles of Economics I, and three hours of an English/Communications Elective; and (c) modify required electives from 12 hours of social sciences and 6 hours of humanistic/behavioral/social sciences electives to 15 hours of humanities electives and 6 hours of critical thinking electives with the appropriate footnotes outlining course choices. Motion carried.

H. Department of Computer and Information Science

Motion by Dr. Greco, seconded by Dr. Roberts, to: (1) change the title for COMS 1403, Computer and Information Science Orientation, to Orientation to Computing, Information, and Technology, and modify the course description; (2) modify the course description for COMS 2333, Web Publishing II; (3) add COMS 2700, Networking and Architecture Laboratory, to the course descriptions; (4) modify the course description for COMS 2703, Computer Networks and Architecture; (5) add COMS 2733, Introduction to Computer Forensics and Security, to the course descriptions; (6) add COMS 2903, Discrete Structures for Technical Majors, to the course descriptions; (7) add COMS 3523, Human Factors in Information Technology, to the course descriptions; (8) add COMS 4063, IT Project Administration, to the course descriptions; (9) add COMS 4213, Database Administration, to the course descriptions; (10) add COMS 4313, Web Server Administration, to the course descriptions; (11) add COMS 4700, Networking Laboratory, to the course descriptions; (12) add COMS 4713, Heterogeneous Networks, to the course descriptions; (13) (a) remove COMS 2213, Data Structures, as a prerequisite for COMS 3903, Systems Software and Architecture; (b) replace COMS 2213, Data Structures, with COMS 2203, Foundations of Computer Programming II, as a prerequisite for COMS 4203, Database Concepts; (c) add COMS 2213, Data Structures, as a prerequisite for COMS 4303, Client/Server Systems; (d) add COMS 2903, Discrete Structures for Technical Majors, as a prerequisite for COMS 2213, Data Structures, COMS 4703, Data Communication and Networks, and COMS 4203, Database Concepts; and (e) replace COMS 2104, Foundations of Computer Programming I, with “Passed COMS 2104 with a C or better” as a prerequisite for COMS 2203, Foundations of Computer Programming II; (14) (a) add COMS 2700, Networking and Architecture Laboratory, as a corequisite for COMS 2703, Computer Networks and Architecture; and (b) add COMS 4700, Networking Laboratory, as a corequisite for COMS 4703, Data Communications and Networks, and COMS 4713, Heterogeneous Networks; (15) add the Bachelor of Science Curriculum in Information Technology; (16) modify the Curriculum in Computer Science as follows: (a) add COMS 2700, Networking and Architecture Laboratory; (b) replace MATH 2703, Discrete Mathematics, with COMS 2903, Discrete Structures for Technical Majors; and (c) add COMS 4700, Networking Laboratory; and (17) modify the Curriculum in Information Systems as follows: (a) add COMS 2700, Networking and Architecture Laboratory; (b) replace MATH 2703, Discrete Mathematics, with COMS 2903, Discrete Structures for Technical Majors; and (c) add COMS 4700, Networking Laboratory. Motion carried.

I. Department of Electrical Engineering

Motion by Dr. Roberts, seconded by Dr. Mitchell, to: (1) add the prerequisite or corequisite MATH 3243, Differential Equations I, to ELEG 2113, Electric Circuits II; and (2) change the title of ELEG 4133, Application-Specific Integrated Circuit Design, to Advanced Digital Design. Motion carried.

J. Department of Mechanical Engineering

Motion by Dr. Greco, seconded by Dr. Philpotts, to: (1) add MCEG 3042, Metallurgy Laboratory, to the course descriptions; (2) add MCEG 3043, Physical Metallurgy, to the course descriptions; and (3) add MCEG 3991-4, Special Problems in Engineering, to the course descriptions. Motion carried.

K. Department of Mathematics

Motion by Dr. Roberts, seconded by Dr. Jackson, to: (1) (a) delete MATH 3163, Mathematical Modeling I, and MATH 4163, Mathematical Modeling II, from the course descriptions; and add MATH 4123, Mathematical Modeling, to the course descriptions; (b) modify the Curriculum in Mathematics Education as follows: delete MATH 3163, Mathematical Modeling I, and add MATH 4123, Mathematical Modeling; and (c) modify the Curriculum in Mathematics as follows: delete MATH 3163, Mathematical Modeling I, and add MATH 4123, Mathematical Modeling. Motion carried.

L. Military Science

Motion by Dr. Greco, seconded by Dr. Knight, to: (1) add MS 4013, United States Military History, to the course descriptions; (2) add MS 4903, Advanced Officership I, to the course descriptions; and (3) add MS 4913, Advanced Officership II, to the course descriptions. Motion carried.

M. Department of Social Sciences and Philosophy

Motion by Dr. Roberts, seconded by Dr. Greco, to: (1) add HIST 2153, Introduction to Arkansas History, to the course descriptions; (2) change the title for HIST 3033, The Age of Jefferson and Jackson, 1789-1840, to The Early American Republic; (3) add HIST to the cross listing for ANTH/MUSM 4403, Interpretation/Education through Museum Methods; (4) change the title for HIST 4483, Economic History of Europe, to World Economic History, and modify the course description; and (5) modify the course description for HIST 4713, Social Studies Methods for Secondary Teachers. Motion carried.

STUDENT
EVALUATIONS:
FORMS AND
EVALUATION OF
WEB COURSES

President Wilkerson welcomed Dr. Underwood to the meeting and asked Dr. Roberts to speak to the issues concerning student evaluations raised at the last Senate meeting. Dr. Roberts questioned Dr. Underwood on how Academic Affairs interprets the clause in the *Faculty Handbook* which states that probationary faculty should evaluate one section of each type of course offered each semester. Specifically, he asked if web courses, honors sections, and other unique courses are considered a “type.” Dr. Underwood responded that, going strictly by the current statement in the *Faculty Handbook*, the answer to this would be that “type” includes lower-division, upper-division, graduate, and general education only. He reported that Dr. Hamm is beginning discussion with the deans to determine whether, first, there is a need in the *Handbook* for clarification of what these types are and, second, if there is a need for additional types of courses to be identified for evaluation purposes. Dr. Underwood reminded the Senators that any changes to the evaluation policy would need to be approved by the Board of Trustees. Additional discussion addressed the need for uniformity within the Schools for course evaluation procedures and guidelines.

Dr. Roberts noted that at the last Senate meeting reference had been made to additional course evaluation forms being used by some departments and asked if the results of those surveys were being used by the department head in the annual review of the faculty. Dr. Jackson stated an additional evaluation form is used in Education which focuses on whether competencies in a given course have been met and the results of both surveys were used in the summative evaluation of the faculty member. Dr. Underwood observed that he prepares a report annually concerning the evaluation of faculty which goes to various state agencies.

Dr. Knight commented that some questions on the student evaluation form might not be applicable to a given course, particularly questions relating to English fluency and textbooks in the evaluation of web courses. Dr. Underwood replied that adding a “not applicable” response to the web version of the student evaluation form would be a relatively simple fix; however, he noted changing the printed version of the form could take some time as these forms are ordered as much as a year in advance and stockpiled. Additional discussion suggested other questions on the form might not be applicable for other courses, whether presented by web or in person. Dr. Greco suggested that instructions could be given to students completing the current printed form that no response to a given question indicates this question does not apply to the course being evaluated and the program scoring the evaluation forms could be altered to accommodate this change. Motion by Dr. Jackson, seconded by Dr. Roberts, to recommend the addition of a "not applicable" response for all questions on the web version of the student evaluation form as soon as possible and on the printed version of the form at the time that additional forms are ordered; in the meantime, that no response to a question on the printed version is to be interpreted as "not applicable"; and that instructions to the students should include a statement indicating that the student should leave blank any question which does not apply to the course being evaluated. Motion carried.

**OLD BUSINESS:
SOCIAL SECURITY
NUMBERS ON THE
WEBSITE**

President Wilkerson asked Dr. Underwood to address the web security issue involving social security numbers. Dr. Underwood expressed his appreciation to the Senate for bringing this issue to his attention. He noted that monitoring the website has become troublesome for a number of reasons, including the fact that the University does not have a true webmaster. For the five web pages identified previously which required social security numbers, Dr. Underwood reported these sites are going to be moved to a secure server so that the information will be encrypted as soon as the student completes the form. He commented that this particular problem will be alleviated by the implementation of the new Banner system, which will require an assigned ID number for each student.

President Wilkerson stated that Dr. Underwood had been asked to address three other issues after the agenda had been distributed and asked Dr. Underwood to proceed. Dr. Underwood observed that he had been asked to report on the percentage of the student body required to take remedial coursework and reported the information in terms of subject, Tech percentage, and State percentage for fall, 2005: math: 34.5 Tech, 38.6 State; English: 26.4 Tech, 24.2 State; Reading: 22.5 Tech, 22.6 State; overall: 44.9 Tech, 44.4 State (this percentage includes all students taking one or more remedial courses). During discussion, Dr. Underwood observed many states do have better remediation rates than Arkansas, but he emphasized that the ACT score threshold is not uniform for every state.

Dr. Underwood commented that he had also been asked to report on the percentage of courses being taught by adjunct faculty. In terms of student semester credit hours generated, he reported that adjuncts taught approximately 10.2 percent of SSCH for fall, 2005; if seen as a percentage of total courses taught, adjuncts taught 9.7 percent of the courses offered for fall, 2005. Dr. Underwood noted these percentages may gradually decrease as additional full-time faculty positions will be hired for the coming academic year which were not filled this year due to the late advertisement of new positions funded in the budget.

Dr. Underwood stated that one last item to report on was the percentage of applications received from prospective students which were rejected. Dr. Underwood indicated this was actually a difficult number to determine; instead, he advised one standardized way to look at

this issue was to calculate the number of students who matriculated. For fall 2004, this number is 55.3 percent and for fall 2005, 48.2 percent. An additional measure is the number of students who were admitted to the University “conditionally,” which indicates that they did not meet at least one standard condition of admission. For 2002, this number was 5.2 percent; 2003, 4.9 percent; 2004, 3.2 percent; and 2005, 2.8 percent. Dr. Underwood commented that fewer students are being admitted each year who do not meet Tech’s full standards for admission. Dr. Mitchell questioned whether remediation numbers are broken down between traditional and non-traditional students; Dr. Underwood stated that he did not have those numbers but noted that a “good portion” of non-traditional students do take remedial courses, particularly in math.

President Wilkerson thanked Dr. Underwood for his time and presentation.

FACULTY FITNESS/ CARPOOLING

President Wilkerson stated that she wished to withdraw her requests for distribution of both the faculty fitness and carpooling surveys at this time. She distributed a copy of information handed out by Mr. Moseley at the last Board of Trustees meeting which illustrates Tech’s health insurance premium cost increases over the last five years and noted that no increase in premium cost is expected for the coming year.

ARKANSAS CONSORTIUM OF UNIVERSITY FACULTY SENATE CHAIRS

President Wilkerson reported that the organizational meeting of the Consortium of University Faculty Senate Chairs had taken place on October 14 with ten individuals from various institutions attending. She distributed information concerning this new entity outlining vision, mission, membership, officers, meetings, voting rights, etc., which had been agreed upon at the meeting. President Wilkerson noted that the consortium chair will be determined each year by alphabetical order of the institutions; in other words, the first chair is the current chair of the Faculty Senate on the Arkansas State University campus. She has been elected to a five-year term as Executive Secretary. Dr. Mitchell reported recognition of this initiative by the State AAUP at its’ annual meeting. President Wilkerson stated that she would have minutes from this meeting available for the next Faculty Senate meeting.

President Wilkerson stated that she had met with Dr. Hamm concerning many of the issues addressed today and had asked him for any information he wished to share with the Senate. She reported that he had spoken specifically about the special election on bonds to be held in December and how this election could benefit Tech, especially with the E-Corridor and the Advising Center building project.

President Wilkerson distributed a list of faculty awarded Professional Development Grants and noted that there are still funds available for the spring semester.

OPEN FORUM

Dr. Mitchell stated that there are two sides to the bond issue and advised that the *Arkansas Times* has an opinion piece concerning the “downside” of this initiative on its website.

ANNOUNCEMENTS/ INFORMATION ITEMS

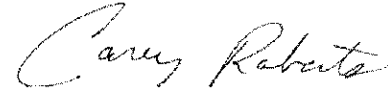
President Wilkerson reminded the Senators of the luncheon with the Student Government Association on Monday, November 14, 2005, at noon in the East Dining Room. She stated that no agenda for this meeting was provided.

ADJOURNMENT The meeting adjourned at 5:40 p.m.

Respectfully submitted,

A handwritten signature in cursive script that reads "Marti Wilkerson".

Marti Wilkerson, M.R.C., President

A handwritten signature in cursive script that reads "Carey Roberts".

Carey Roberts, Ph.D., Secretary

Minutes of
THE FACULTY SENATE
OF
ARKANSAS TECH UNIVERSITY

The Faculty Senate met Thursday, December 8, 2005, at 4 p.m. in Room 325 of the Ross Pendergraft Library and Technology Center. The following members were present:

Ms. Peggy Lee	Dr. Richard Knight
Dr. Carey Roberts	Mr. Rick Ihde
Dr. Jeff Robertson	Dr. Shelia Jackson
Dr. Jeff Mitchell	Dr. Trey Philpotts
Dr. Carl Greco	Ms. Marti Wilkerson
Dr. Scott Kirkconnell	Ms. Sarah Robison
Dr. Brenda Montgomery	Dr. Sid Womack
Dr. Robert Fithen	Dr. Joe Moore

Dr. David Bell, Dr. Micheal Tarver, Dr. William Hoefler, Dr. Theresa Herrick, Dr. Kelly Johnson, and Dr. Pam Carr were visitors.

CALL TO ORDER
APPROVAL OF
MINUTES

President Wilkerson called the meeting to order and asked for action on the November 10, 2005, minutes. Motion by Dr. Greco, seconded by Dr. Jackson, to dispense with the reading of the minutes. Motion carried. There being no amendments or corrections, motion by Dr. Womack, seconded by Dr. Montgomery, to approve the minutes as distributed. Motion carried.

NEW BUSINESS:
CURRICULAR
ITEMS

President Wilkerson thanked Dr. Tarver for attending and representing the Curriculum Committee. The following actions were taken with regards to recommendations from the Curriculum Committee:

Motion by Dr. Roberts, seconded by Ms. Lee, to consider all proposals from each department together for the purposes of making motions for approval. Motion carried.

A. Department of Accounting

Motion by Dr. Moore, seconded by Dr. Philpotts, to add ACCT 3023, Accounting Information Systems, to the course descriptions. Motion carried.

B. Department of Business and Economics

Motion by Dr. Greco, seconded by Dr. Moore, to: (1) change the title of MGMT 3103, Production Management, to Operations Management; change the prerequisite from COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, and BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior, to MGMT 2013, Management Productivity Tools, BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior; and modify the course description; and (2) add MGMT 2013, Management Productivity Tools, as a prerequisite for MGMT 4013, Management Information Systems. Motion carried.

C. Department of Curriculum and Instruction

Motion by Dr. Jackson, seconded by Dr. Moore, to: (1) correct the course number for MLED 4023, Teaching the Young Adolescent, to MLED 4013; and (2) modify the curricula in Early Childhood Education, Middle Level Education in Mathematics and Science Licensure, and Middle Level Education in English Language Arts/Social Sciences Licensure as follows: delete HIST 4153, History of Arkansas, and add HIST 2153, Introduction to Arkansas History. Motion carried.

D. Department of Music

Motion by Dr. Womack, seconded by Dr. Knight, to move the listing in the course descriptions from the Music section to the Musical Performance section for MUS 1601/3601, Orchestral Repertoire, and modify the course description. Motion carried.

E. Department of Biological Sciences

Motion by Dr. Philpotts, seconded by Dr. Roberts, to: (1) change the prerequisite for BIOL 3034, Genetics, from *BIOL 1114, Principles of Biology (or equivalent), and MATH 1113, College Algebra (or higher)*, to *BIOL 1114 (or equivalent), MATH 1113 (or higher), and two semesters of chemistry*; (2) add BIOL 3174, Physiological Ecology, to the course descriptions; (3) add FW 3173, Biostatistics, to the course descriptions; (4) modify the curriculum in Biology as follows: (a) add FW 3173, Biostatistics, as a selection in footnote 2; (b) renumber existing footnote 3 to footnote 4 and add BIOL 3174, Physiological Ecology, to the course selection; and (c) insert new footnote 3 as follows: *Coastal Ecology (BIOL 4094) which is offered during the May mini-term can serve as an alternative to BIOL 3114, Principles of Ecology, in the Biology major*; (5) modify the Curriculum in Fisheries and Wildlife Biology as follows: (a) add FW 3173, Biostatistics, as an upper-division mathematics alternative; and (b) add BIOL 3174, Physiological Ecology, as a physiology alternative; and (6) add the title Pre-Dental to the title Curriculum in Pre-Medical. Motion carried.

F. Department of Nursing

Motion by Dr. Roberts, seconded by Dr. Knight, to: (1) modify the course number for NUR 3502, Nursing Skills II, to 3513; and (2) modify the Curriculum in Nursing as follows: (a) change NUR 3502, Nursing Skills II, to NUR 3513; and (b) reduce the upper division Nursing Electives by one hour. Motion carried.

G. Department of Agriculture

Motion by Dr. Moore, seconded by Dr. Womack, to: (1) add AGBU 1013, Principles of Agricultural Business, to the course descriptions; (2) add AGBU 3213, Career Development in Agriculture, to the course descriptions; (3) modify the course description for AGBU 4023, Agricultural Finance; (4) add AGBU 4053, Agricultural Price Analysis, to the course descriptions; (5) add AGBU 4063, Agricultural Investments, to the course descriptions; (6) change the course number of AGSS 2013, Soils, to AGSS 2014; add two hours of laboratory; and modify the course description; (7) change the title of AGPS 1003, Field Crops, to Principles of Crop Science; and modify the course description; (8) change the number and title of

AGPS 1023, General Horticulture, to AGPS 1024, Principles of Horticulture; add two hours of laboratory, and modify the course description accordingly; (9) change the course numbers as follows for the indicated courses, add two hours of laboratory to each, and modify the course descriptions accordingly: (a) AGAS 1013, Principles of Animal Science, to AGAS 1014; (b) AGAS 3003, Reproduction in Farm Animals, to AGAS 3004; (c) AGAS 3013, Beef Cattle Management, to AGAS 3014; (d) AGAS 3103, Swine Management, to AGAS 3104; (e) AGPS 3023, Forage Crops and Pasture Management, to AGPS 3024; (f) AGPS 3043, Plant Propagation, to AGPS 3044; (g) AGPS 3063, Vegetable Growing, to AGPS 3064; and (h) AGPS 3073, Floriculture, to AGPS 3074; (10) (a) Agricultural Animal Science courses: prerequisite changes for AGAS 2083, Feed and Feeding, AGAS 3004, Reproduction in Farm Animals, AGAS 3014, Beef Cattle Management, AGAS 3104, Swine Management, and AGAS 3113, Light Horse Production from AGAS 1013 (old number) to AGAS 1014 (new number); (b) Agricultural Business and Economics courses: addition of prerequisite of AGBU 1013, Principles of Agricultural Business, to AGBU 2063, Principles of Agricultural Macroeconomics, AGBU 2073, Principles of Agricultural Microeconomics, and AGBU 4003, Agri-Business Management; and change the course description of AGBU 4023, Agricultural Finance; (c) Agricultural Engineering/Mechanization courses: prerequisite change for AGEG 3413, Agricultural Waste Management, from AGSS 2013 (old number) to AGSS 2014 (new number); (d) Agricultural Plant Science courses: add AGPS 1003, Principles of Crop Science, as a prerequisite for AGPS 3024, Forage Crops and Pasture Management; and add AGPS 1024, Principles of Horticulture, as a prerequisite for AGPS 3044, Plant Propagation, AGPS 3053, Weeds and Weed Control, AGPS 3064, Vegetable Growing, AGPS 3074, Floriculture, AGPS 3083, Small Fruit and Nut Culture, AGPS 3093, Greenhouse Operation and Management, and AGPS 4103, Crop and Garden Insects; (e) Agricultural Soil Science courses: prerequisite change for AGSS 3033, Soil Fertility, from AGSS 2013 (old number) to AGSS 2014 (new number); (11) modify the Curriculum in Agricultural Business as follows: (a) add AGBU 1013, Principles of Agricultural Business; (b) add AGBU 3213, Career Development in Agriculture; (c) add AGBU 4033, Agricultural Policy; (d) add AGPS 1024, Principles of Horticulture; (4) delete ACCT 2013, Accounting Principles II; (e) delete AGAS 2083, Feeds and Feeding; (f) delete AGBU 3133, Intermediate Agricultural Macroeconomics; (g) delete 3 hours of Agricultural Electives; (h) delete 3 hours of Electives; (i) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number); and (j) change AGSS 2013 (old number), Soils, to AGSS 2014 (new number); (12) modify the Curriculum in Agriculture Business (Horticulture Business Option) as follows: (a) add AGAS 1014, Principles of Animal Science; (b) add AGBU 1013, Principles of Agricultural Business; (c) add AGBU 3213, Career Development in Agriculture; (d) add AGBU 4023, Agricultural Finance; (e) add AGBU 4033, Agricultural Policy; (f) delete ACCT 2013, Accounting Principles II; (g) delete AGPS 3053, Weeds and Weed Control; (h) delete 12 hours of Agricultural Electives; (i) delete 2 hours of Electives; (j) change AGPS 1023 (old number), Principles of Horticulture, to AGPS 1024 (new number); (k) change AGPS 3043 (old number), Plant Propagation, to AGPS 3044 (new number); (l) change AGPS 3063 (old number), Vegetable Growing, to AGPS 3064 (new number); and (m) change AGSS 2013 (old number), Soils, to AGSS 2014 (new number); (13) modify the Curriculum in Agricultural Business (Animal Science Option) as follows: (a) add AGBU 1013, Principles of Agricultural Business; (b) add AGBU 3213, Career Development in Agriculture; (c) add AGBU 4033, Agricultural Policy; (d) add AGEG 3413, Agricultural Waste Management; (e) add AGPS 1003, Principles of Crop Science; (f) add AGPS 1024, Principles of Horticulture; (g) add AGPS 3244, Plant Pathology; (h) add CHEM 1114, A Survey

of Chemistry; (i) delete ACCT 2013, Accounting Principles II; (j) delete AGAS 1011, Principles of Animal Science Laboratory; (k) delete AGAS 3113, Light Horse Production; (l) delete 3 hours of Poultry Science; (m) delete BIOL 3054, Microbiology; (n) delete CHEM 2124, General Chemistry I; (o) delete CHEM 2134, General Chemistry II; (p) delete 10 hours of electives; (q) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number); (r) change AGAS 3003 (old number), Reproduction in Farm Animals, to AGAS 3004 (new number); (s) change AGAS 3013 (old number), Beef Cattle Management, to AGAS 3014 (new number); (t) change AGAS 3103 (old number), Swine Management, to AGAS 3104 (new number); and (u) change AGSS 2103 (old number), Soils, to AGSS 2014 (new number); and (14) change the title for the Curriculum in Pre-Veterinary Medicine to Curriculum in Agriculture Business (Pre-Veterinary Medicine Option) and modify the curriculum as follows: (a) add ACCT 2003, Principles of Accounting I; (b) add AGBU 1013, Principles of Agricultural Business; (c) add AGBU 2063, Principles of Agricultural Macroeconomics; (d) add AGBU 2073, Principles of Agricultural Microeconomics; (e) add AGBU 3213, Career Development in Agriculture; (f) add AGBU 4003, Agri-Business Management; (g) add AGBU 4013, Agricultural Marketing; (h) add AGBU 4023, Agricultural Finance; (i) add AGBU 4033, Agricultural Policy; (j) add AGE 3413, Agricultural Waste Management; (k) add AGPS 3244, Plant Pathology; (l) add BUAD 2033, Legal Environment of Business; (m) add 3 hours of fine arts; (n) add MATH 2163, Introduction to Statistical Methods; (o) add 2 hours of Physical Activity; (p) add 6 hours of social sciences; (q) delete the 3 hour Animal or Poultry Science Elective; (r) delete AHS 2013, Medical Terminology; (s) delete BIOL 4054, Vertebrate Histology; (t) delete 3 hours electives; (u) delete MATH 1203, Plane Trigonometry; and (v) change AGAS 1013 (old number), Principles of Animal Science, to AGAS 1014 (new number). Motion carried.

H. Department of Parks, Recreation and Hospitality Administration

Motion by Dr. Roberts, seconded by Dr. Knight, to: (1) modify the course description for RP 3093, Interpretive Methods; (2) add RP 3503, Recreational Sport Management, to the course descriptions; (3) change the title for RP 3993, Advanced Firefighting-Wildland/Urban Interface, to Wildland Fire Practices in Natural Resource Management, and modify the course description; (4) modify the course description for RP/HA 4001, Internship Preparation; (5) modify the course description for HA 4063, Beverage Management; (6) modify the course description for HA 4073, Hospitality Financial Analysis; (7) modify the course description for RP/HA 4116, Internship; (8) (a) delete RP/HA 1001, Orientation to Parks, Recreation, and Hospitality Administration from the course descriptions and affected curricula; and (b) add one hour of elective to the Curriculum in Recreation and Park Administration: Recreation Administration Emphasis, Therapeutic Recreation Emphasis, Park Administration Emphasis, Turf Management Emphasis, and Interpretation Emphasis and the Curriculum in Hospitality Administration; (9) modify the Curriculum in Recreation and Park Administration: Turf Management Emphasis as follows: (a) delete RP 1001, Orientation to Parks, Recreation, and Hospitality Administration; (b) delete AGSS 2013, Soils; (c) delete AGPS 1023, General Horticulture; (d) delete LBMD 2001, Introduction to Library Resources; (e) delete CHEM 2143, Environmental Chemistry; (f) delete RP 3053, Natural Resources Management and Planning; (g) delete HA 4023, Hospitality Facilities Management and Design; (h) delete RP 4093, Resort Management; (i) delete one hour of approved electives; (j) add AGE 3003, Solving Agricultural

Problems; (k) add AGPS 3053, Weeds and Weed Control; (l) add AGPS 3244, Plant Pathology; (m) add AGSS 3033, Soil Fertility; (n) add AGPS 1024, General Horticulture; and (o) add AGSS 2014, Soils; and (10) modify the Curriculum in Recreation and Park Administration: Recreation Administration Emphasis as follows: (a) add RP 3503, Recreational Sport Management; and (b) delete 3 hours of approved electives. Motion carried.

ELECTRONIC
VOTING/
UNIVERSITY-WIDE
ELECTIONS

President Wilkerson asked Dr. Philpotts to speak to issues relating to the university-wide standing committee elections and electronic voting. Dr. Philpotts reminded the Senators that he was one of a sub-committee of three (i.e., Philpotts, Greco, and Robertson) who had worked on the campus wide electronic voting initiative this past spring. He stated that this committee had met again this fall to review the process. As a result of that meeting, he reported that the sub-committee is recommending the Senate form a continuing sub-committee to be composed of three senators, at least one who is conversant with Blackboard, on rotating terms (i.e., one in their first year on the Senate, one in their second year, and one in their third year). After discussion, no objections and a consensus for this recommendation were noted by the chair. Ms. Robison volunteered to serve as did Dr. Montgomery. It was determined that the Senate chair each fall would ask for a volunteer from those Senators in their first term of appointment. For spring 2006, the present sub-committee along with Ms. Robison and Dr. Montgomery will oversee the elections.

Dr. Robertson noted a few unresolved problems relating to using Blackboard for the elections. The sub-committee hand counted the ballots in some instances in order to accurately determine the election of the positions. Dr. Greco pointed out that one issue with using another software program, such as WebSurveyor, is the ability to verify that each voting faculty member only voted once. Dr. Greco recommended that the sub-committee evaluate whether another software program could be purchased in order to facilitate elections. The sub-committee will continue to look at these issues.

President Wilkerson thanked the sub-committee for their work.

CAMPUS FREE
SPEECH AREA

President Wilkerson asked Dr. Mitchell to address the issue of the campus free speech area. Dr. Mitchell reported that he had discovered that Arkansas Tech University had a free speech area a few years ago when students collecting signatures on an issue had asked him to sign and indicated that they would be set up on the Williamson Hall lawn as per the *Student Handbook*. Dr. Mitchell stated that he is not certain if the University actually needs a designated free speech area, but if so, that he is opposed to the location of the area. Dr. Mitchell noted lawsuits having been brought on other campuses nationwide on this issue and stated that he believed the free speech area should be in the “heart of the campus.” Dr. Philpotts stated his preference that activities not take place near classrooms. Dr. Womack mentioned the Equal Access Act of 1984 which governs free speech activities in the public schools. After discussion, it was decided to invite Mr. Pennington, University Counsel, to speak to this issue at the January meeting.

OLD BUSINESS:
REPORT OF THE
PRESIDENT

President Wilkerson noted the recent luncheon hosted by the SGA and indicated the event had proven a good opportunity for positive exchange with the students. She stated that Dr. Biller was very appreciative of the Senators attending. President Wilkerson indicated she had spoken to Dr. Hamm concerning funding to allow the Senate to “return the favor” and stated that he had taken this under consideration.

President Wilkerson reported she had invited Dr. Hamm to attend the February meeting to speak to the Senate’s recommendations concerning the student evaluation forms.

President Wilkerson distributed the minutes of the Arkansas Consortium of University Faculty Senate Chairs meeting held on campus October 14.

President Wilkerson reminded the Senators of the bond election to be held December 13.

OPEN FORUM

Dr. Mitchell commented that he had been following presentations in the local media concerning the bond election and noted that most appear to be “pro bond.” He noted that an argument could be made that passage of the bond issue is “bad public policy” as the state would be committed to repayment of the bonds regardless of K-12, health care, and prison funding issues. Dr. Mitchell stated that an *Arkansas Times*’ article had reported that Arkansas has \$160 million in public debt, more per capita debt than any other state in the country. Dr. Mitchell indicated that his remarks today were made to present a balanced argument about the issue.

ANNOUNCEMENTS/
INFORMATION
ITEMS: SPRING
MEETING TIME

After discussion, it was determined that the regular monthly meeting of the Faculty Senate for spring 2006 would be the second Tuesday of the month beginning at 4 p.m. An exception for the January meeting will be made; this meeting will be January 17. President Wilkerson stated that she would invite Mr. Pennington, University Counsel, to this meeting.

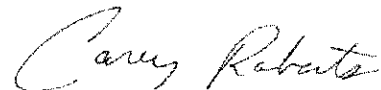
ADJOURNMENT

The meeting adjourned at 5:00 p.m.

Respectfully submitted,



Marti Wilkerson, M.R.C., President



Carey Roberts, Ph.D., Secretary

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Dec 8, 2005 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) ACCT 3023

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 4/12/06 Delete Date _____ By R. Amith ✓

Fee? no Add to list? no Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Accounting Department

Date submitted: October 5, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Pam Carr, Dept Head *PC*

Approved by: Dean of School: *JA*
School of Business Curriculum Committee: *JB*

Reviewed by: Registrar: *Johnny Keadles*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description:

Number: **ACCT 3023**

Title for Catalog: **Accounting Information Systems**

*Title for Course Inventory (24 characters):

Description: Spring semester. Prerequisites: MGMT 2013 and ACCT 3003. A study of accounting information processing, the systems concept, the analysis and design of accounting information systems, and database hardware and software technology as they apply to producing accounting information to be used in business decision making.

Effective date or term: ~~Spring 2007~~ *Summer I 2006*

*Course fees:

II. Justification and feasibility of course:

- A. **What is the need for this course?** To fill the need for a specialized course in accounting information systems for accounting majors.

- B. **Who will take it?** Accounting majors will take the class as an elective.
- C. **How does it relate to other work being offered by your department?** This course will be an elective but an integral part of the accounting curriculum and will apply technology to accounting processes. **Is there an overlap with other courses in the department?** No, this course compliments the other courses offered in the curriculum. *compliments*
- D. **Is this course part of any general plan of development within your department?** As a part of our ongoing curriculum review faculty have realized a deficiency in the specific area of technology as it applies to accounting. Also, this was evidenced by students in their responses to senior exit surveys.

How often will the course be offered? Each Spring semester.

- E. **How will the course be staffed?** With a current accounting faculty member.
- F. **When applicable, state with which departments you have specifically coordinated this change?**

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1. Dr. Kevin Mason *KM* *yes* *10/27/05*
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

The assessment process has revealed a need for information provided by this course. Future senior exit surveys as a part of the overall Accounting Assessment Program should indicate that the perceived weakness will be eliminated.

*Updated 8/1/04
**Updated 9/1/05

**ACCOUNTING 3023
ACCOUNTING INFORMATION SYSTEMS
SPRING 2007**

Course Description and Rationale

This course is designed to provide students with a solid understanding of transaction processing systems. It will then build on the basics with a more in-depth study of specific topics such as databases, data warehouses, systems analysis and design, computer security, and information system controls.

Prerequisite

MGMT 2013, ACCT 3003, and School of Business prerequisites for enrollment in 3000 and 4000 level school courses.

Instructor/Class Information

Instructor	Virginia Bachman	Phone	968-0610
Office	Corley 227	Email	virginia.bachman@atu.edu
Office Hrs.			

Textbook and Instructional Materials

Accounting Information Systems, Ninth Edition, Bodnar & Hopwood

Course Objectives and Course Content

Upon completion of the course, the student should be able to:

1. Identify how information technology can be used to help organizations achieve their goals. Understand transaction processing and automated systems and data storage concepts using data flow diagrams and flow charts.
2. Identify threats to the reliability of accounting information systems and the internal controls for addressing and mitigating the risks of those threats.
3. Understand the stages of the systems-development life cycle and interrelationships among the phases.
4. Understand applications of accounting information systems relating to databases and auditing.

Examinations and Evaluation

There will be five exams. In the event a student has an excused absence on a scheduled exam day, they will be required to take a makeup exam given by the instructor. The materials covered will be the same as the regular exam but its nature may be very different. Announced and unannounced quizzes will be given during the semester. The Final Exam (exam #5) will be partially comprehensive. Makeup exams will be given for excused absences only. Makeup quizzes will not be given but the lowest quiz score (or possibly two lowest) will be dropped.

Grades will be determined from a percentage of the total possible points for the semester as follows:

<u>Estimated Points</u>		<u>Grades</u>	
4 Exams	400 pts	90% and up	A
Final Exam	100 pts	80% to 89%	B
Attendance/Participation	30 pts	70% to 79%	C
Exercises/Problems	60 pts (est.)	60% to 69%	D
Quizzes/Projects	<u>40-110 pts (est.)</u>	Below 60%	F
Total	630-700 pts (est.)		

Course Policies and Procedures

Regular class attendance is essential in Accounting. Following three unexcused absences a student may receive a warning letter notifying him that he may be dropped from the course with an "F". Cheating will not be tolerated and may result in an "F" grade for the course.

Teaching Methods

The course will consist of lectures, class discussion, solution of exercises, and problems/cases. Each student is expected to prepare in advance of class meetings by reading the textbook and working the assigned exercises and problems. Students will be called upon in class to present their solutions to exercises/problems or discussion of the topic being studied.

Oral/Written Communications

Written answers are required as an integral part of solving exercises questions and problems in several of the topics studied during the semester. Students are selected at random and asked to explain their solutions of the exercises and problems which are being covered in class.

Library Use

No specific assignments are made which require use of the library in this course but students are referenced to business periodicals in the library which will enhance their understanding and expand their knowledge in business areas which are being studied in the course.

Required Computer Applications

AIS uses specific databases and other software such as MS Excel for Accounting, Auditing, and AIS. This class also introduces students to the leading professional accounting software packages such as Peachtree, QuickBooks, and Simply Accounting.

Global Content

Examples and actual statements issued by international companies and involving global situations are used to bring a global view to business and accounting decisions covered in this course.

Ethics Content

A number of ethics cases are reviewed and discussed with the end of the chapter materials and general discussion of ethics situations with emphasis on professional business ethics as applicable to the accounting profession and to business as a whole.

Special Needs

If you have special needs due to a disability, please contact our Disabilities Coordinator in the Disabilities Services Office, 101 Bryan Hall, 964-0843.

ACCOUNTING 3023
ACCOUNTING INFORMATION SYSTEMS
SPRING 2007
Topics to be covered

- The Business Processes and Transaction Processing Cycles
- Systems Techniques and Documentation
- Electronic Commerce
- Transaction Processing and the Internal Control Process
- Information Systems Security
- Electronic Data Processing Systems
- Customer Order and Account Management Business Processes
- Procurement and Human Resource Business Processes
- The Production Business Process
- Systems Planning and Analysis
- Systems Implementation, Operation, and Control
- File Processing and Data Management Concepts
- Auditing Information Technology

Bibliography of Resources

- Accounting Information Systems, 9th ed., Bodnar & Hopwood, Prentice Hall, 2004
- Accounting Information Systems Cases, Martin & Lam, Prentice Hall, 2003.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number: _____

Change course title:

Faculty Senate: Approved date: Dec. 9, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MGMT 3103

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): MGMT 3103 Correct End date:

Fee attached? Course being replaced? CURR CRS ID completed? Some Checked future terms? yes

Screen 125: Add date 4/12/06 Delete Date 4/12/06 By DJL

Fee? no Add to list? no Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Business & Economics

Date submitted: August 23, 2005

Request for: Course change Course deletion _____ Course addition _____

Submitted by: Loretta F. Cochran, Ph.D.

Approved by: School of Business Curriculum and Assessment Committee *Sam Cobb*

Department Head: *Kevin Mason*

Dean of School: *Tommy Lee*

Reviewed by: Registrar: *Sammy Kouros*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

The proposed change is for an updated list of prerequisites (to reflect current School of Business requirements) and to revise the course title and description to more accurately describe the course content.

The current catalog reads:

MGMT 3103 Production Management

Each semester. Prerequisites: COMS 1003 or BUAD 2003, and BUAD 2053, and MGMT 3003. A study of the concepts and methods for economical planning and control of activities required for products or services. Emphasis is placed on the design of operations planning and control, quality control, inventory, maintenance, and product planning systems.

The proposed changes would read (changes are underlined):

MGMT 3103 Operations Management

Each semester. Prerequisites: MGMT 2013, BUAD 2053, and MGMT 3003. A study of the overall operations management task. Critical issues include its integration of market issues, the development of operations strategies, and the management of people. Specific attention is given to the design and development of services and products and the systems by which they are produced and delivered. Factors central to the operations management task include capacity, technology, scheduling and execution, quality, inventory, the significant role of managing the supply chain, and process and delivery system reliability and maintenance.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Kevin Masam

Department Head

10/27/05

Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Business and Economics

Date submitted: October 17, 2005

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Kevin Mason, Chair, Department of Business & Economics

SCHOOL CURRICULUM COMMITTEE: *Sam Cole*
Approved by: Department Head: *Kevin Mason*
Dean of School: *Tom Tyler*

Reviewed by: Registrar: *Jammy Kuculis*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

Add MGMT 2013 as a pre-requisite for MGMT 4013. MGMT 4013 (Management Information Systems) requires computer skills that are taught in the MGMT 2013 (Management Productivity Tools). MGMT 2013 is already a required course for all School of Business majors as it MGMT 4013 and it has always been understood by our majors that MGMT 2013 needs to be completed in the Sophomore year, but we want this MGMT 4013 pre-requisite to be explicitly stated in the catalog.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number:

Title for Catalog:

*Title for Course Inventory (24 characters):

Description:

Effective date or term:

*Course fees:

II. Justification and feasibility of course:

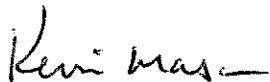
- A. What is the need for this course? Who will take it?
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?
- C. Is this course part of any general plan of development within your department? Explain.
- D. How often will the course be offered?
- E. How will the course be staffed?
- F. How will this course change affect other departments' students and offerings? With what other departments have you specifically consulted?

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**


CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.



Department Head



Date

*Added 9/1/05

Arkansas Tech University
School of Education
Teacher Education Council Meeting MINUTES
Thursday, October 20, 2005, 3:45 PM, Crabaugh 221

The following members were present:

Glenn Sheets, Gwen Morgan, David Bell, Ken Shores, Sammie Stephenson, Linda Bean, Becky Shopfner, Cathy Caldwell, Jackie Bowman, Annette Holeyfield, Cindy Kuonen, Janet Tiner, and Lindsay Robinson

The following members were absent:

Wendy Petty, Amy Dunlap, Denise Michelle Lane, and Eldon Clary.

Upon reaching a quorum, Dr. Sheets called the meeting to order at 3:45 PM. Dr. Sheets invited each member present to introduce themselves. After a brief explanation of the committee's purpose and place in approval of university curriculum Dr. Sheets proceeded to New Business. Curricular Items

1. Department of Curriculum and Instruction
 - a. add MLED 4023/5023, Teaching the Young Adolescent, to the course descriptions;
 - b. add MLED 4033/5033, Young Adolescent Growth and Development, to the course descriptions;
 - c. add MLED 4043/5043, Diversity in the Middle Level Classroom;
 - d. modify the Curriculum in Middle Level Education (Curriculum in Mathematics and Science Licensure) as follows: 1) change MLED 2002, Introduction to Education, to MLED 2003; 2) with the change of MLED 2002, Introduction to Education, to MLED 2003, delete one hour of elective; and
 - e. modify the Curriculum in Middle Level Education (Curriculum in English Language Arts/Social Studies Licensure) as follows: 1) change MLED 2002, Introduction to Education, to MLED 2003; 2) with the change of MLED 2002, Introduction to Education, to MLED 2003, delete one hour of elective

The motion was made by Becky Shopfner to approve the proposed additions and changes to the Middle Level curriculum taking items a-e together. The motion was seconded by Linda Bean. Following discussion by Dr. Bell, the motion was amended to include the addition of the prerequisite information to the catalog description for items a-c. The question was called and the motion to approve carried.

2. Department of Health and Physical Education
 - a. add PE 1301, Beginning Ballet I, to the course descriptions;
 - b. add PE 1311, Beginning Ballet II, to the course descriptions;
 - c. add PE 1321, Intermediate Ballet I, to the course descriptions;
 - d. add PE 1331, Intermediate Ballet II, to the course descriptions;
 - e. add PE 1341, Intermediate Ballet III, to the course descriptions;
 - f. add PE 1351, Intermediate Ballet IV, to the course descriptions;
 - g. add PE 1361, Advanced Ballet I, to the course descriptions; and
 - h. add PE 1371, Advanced Ballet II, to the course descriptions.

The motion was made by Sammie Stephenson to approve the proposed additions to the Health and Physical Education curriculum taking items a through h together. The motion was seconded by Ken Shores. Discussion was led by Dr. Holeyfield. The question was called and the motion to approve carried.

3. Department of Foreign Languages and International Studies

a. add FR/GER/SPAN 4003, Oral Communication, to the course descriptions; and

b. (1) modify the catalog description on page 147, of the 2005-06 catalog, by the heading of Foreign Languages, as follows: change requires 34 hours in a foreign language to requires 38 hours in a foreign language;

and

(2) modify prerequisites as follows:

(2a) SPAN 3003, Conversation and Composition I, change prerequisite from SPAN 2024 or equivalent to SPAN 2024 or permission of instructor;

(2b) SPAN 3013, Conversation and Composition II, change prerequisite from SPAN 3003 or equivalent to SPAN 3003 or permission of instructor;

(2c) SPAN 3113, Business Spanish, add prerequisite SPAN 3003 or permission of instructor;

(2d) SPAN 3123, Spanish Civilization and Culture, change prerequisite from SPAN 2024 or equivalent to SPAN 3013 or permission of instructor;

(2e) SPAN 3133, Spanish-American Civilization and Culture, change prerequisite from SPAN 2024 or equivalent to SPAN 3013 or permission of instructor;

(2f) SPAN 3213, Advanced Grammar and Usage, change prerequisite from: SPAN 3013 to SPAN 3013 or permission of instructor;

(2g) SPAN 3223, Short Story, change prerequisite from SPAN 3013 to SPAN 3013 or permission of instructor;

(2h) SPAN 4003, Oral Communications, add prerequisite SPAN 3013 or permission of instructor;

(2i) SPAN 4213, Spanish Literature, change prerequisite from SPAN 2024 or equivalent to SPAN 3223 or permission of instructor;

(2j) SPAN 4223, Spanish-American Literature, change prerequisite from SPAN 2024 or equivalent to SPAN 3223 or permission of instructor;

(2k) FR/GER 3003, Conversation and Composition I, change prerequisite from FR/GER 2024 or equivalent to FR/GER 2024 or permission of instructor;

(2l) FR/GER 3013, Conversation and Composition II, change prerequisite from FR/GER 3003 or equivalent to FR/GER 3003 or permission of instructor;

(2m) FR/GER 3113, Culture and Civilization, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3013 or permission of instructor;

(2n) FR/GER 3213, Advanced Grammar and Usage, change prerequisite from FR/GER 3013 to FR/GER 3013 or permission of instructor;

(2o) FR/GER 3223, Short Story, change prerequisite from FR/GER 3013 to FR/GER 3013 or permission of instructor;

(2p) FR/GER 4003, Oral Communication, add prerequisite FR/GER 3013 or permission of instructor;

(2q) FR/GER 4213, French Literature to 1800/German Literature to 1832,

change prerequisite from FR/GER 2024 or equivalent to FR/GER 3223 or permission of instructor; and
(2r) FR/GER 4223, French Literature since 1800/German Literature since 1832, change prerequisite from FR/GER 2024 or equivalent to FR/GER 3223 or permission of instructor.

The motion was made by Cathy Caldwell to approve the proposed changes to the Foreign Languages and International Studies curriculum taking items a, b1, and b2a-r together. The motion was seconded by Linda Bean. Discussion was led by Dr. Sheets. The question was called and the motion to approve carried.

4. Department of Music

- a. modify the course description for MUS 3702, Music Educational Technology.

The motion was made by Jackie Bowman to approve the proposed modification to the course description. The motion was seconded by Annette Holeyfield. Discussion was led by Dr. Sheets and Dr. Bell. The question was called and the motion to approve carried.

5. Department of Social Sciences and Philosophy

- a. add HIST 2153, Introduction to Arkansas History, to the course descriptions;
and
b. modify the course description for HIST 4713, Social Studies Methods for Secondary Teachers.

The motion was made by David Bell to approve the modifications to course descriptions taking items a and b together. The motion was seconded by Sammie Stephenson. Discussion was led by Dr. Bell. The question was called and the motion to approve carried.

6. Department of Physical Sciences

- a. remove corequisite MATH 3243, Differential Equations I, from PHYS 3213, Modern Physics;

The motion was made by Jackie Bowman to approve the removal of the corequisite from PHYS 3213. The motion was seconded by Ken Shores. Discussion was led by Dr. Bell and Dr. Bowman. The question was called and the motion to approve carried.

- b. modify the Curriculum in Physical Science and Earth Science for Teacher Licensure as follows: delete MATH 1113, College Algebra; add MATH 1914, Precalculus; and delete one hour of PE Activity.

The motion was made by Cathy Caldwell to approve the proposed modification in Physical Science and Earth Science for Teacher Licensure. The motion was seconded by Linda Bean. Discussion was led by Dr. Bowman. The question was called and the motion to approve carried.

7. Department of Mathematics

- a. (1) delete MATH 3163, Mathematical Modeling I, and MATH 4163 Mathematical Modeling II, from the course descriptions; and add MATH 4123, Mathematical Modeling to the course descriptions;
(2) modify the Curriculum in Mathematics Education as follows: delete MATH 3163, Mathematical Modeling I, and add MATH 4123, Mathematical Modeling;

and

(3) modify the Curriculum in Mathematics: delete MATH 3163, Mathematical Modeling I, and add MATH 4123, Mathematical Modeling

The motion was made by Ken Shores to approve the proposed modification to the curriculum taking items a1-3 together. The motion was seconded by Sammie Stephenson. Discussion was led by Mr. Shores. The question was called and the motion to approve carried.

b. MATH 6213, Methods in Teaching Middle School Mathematics, to the course descriptions;

c. add MATH 6323, Methods in Teaching Secondary Mathematics, to the course descriptions; and

d. modify the Master's Curriculum in Secondary Education Mathematics

The motion was made by Linda Bean to approve the proposed course additions and modification of the curriculum taking items b-d together. The motion was seconded by Cindy Kuonen. Discussion was led by Dr. Sheets. The question was called and the motion to approve carried.

Dr. Sheets speculated on the need to meet again in November. The council would convene at the same time of day. Members would be notified of the date if it became necessary to meet in November. Dr. Sheets expressed his appreciation for the support of the membership.

A motion to adjourn was then made by Jackie Bowman, seconded by Ken Shores. The motion carried. The meeting adjourned at 4:45 PM.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: Change course title: _____

Faculty Senate: Approved date: 11/10/05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MLED 2003

- Correct Effective Term
 Correct Course Title
 Correct Course Level, Correct Course Career
 Correct hours (CRED MIN)
 Correct Department
 Correct CIP Code
 Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion MLED 2002

Course ID (Prefix/Number): See attached Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11-10-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) _____

_____ Correct Effective Term

_____ Correct Course Title

_____ Correct Course Level, _____ Correct Course Career

_____ Correct hours (CRED MIN)

_____ Correct Department

_____ Correct CIP Code

_____ Correct Approval Date

_____ NO _____ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

_____ NO _____ YES Cross-listed?

_____ NO _____ YES Co-requisite?

_____ Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit _____ times for a maximum of _____ hours.

Fees attached to class? Amount _____ Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): MLED 2002 Correct End date:

Fee attached? na Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date _____ Delete Date _____ By _____

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

11/10/2005

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee or Graduate Council (as appropriate)

From: (Initiating Department)

Date Submitted: 9/28/05

Type of Curriculum Change Requested: Course credit hour change

Submitted By: V. Carole Smith, Assistant Professor
Middle Level Education
School of Education

Approved By: Department Head: *David Bell*

Dean of School: *Steven Sheets 9-30-05*

Reviewed By: Registrar: *Yammy Juarez*

Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.
Introduction to Education MLED 2003

II. Course Information

A. Rationale for the requested change.

Introduction to Education has two objectives:

1. To introduce students to middle level education. And
2. To introduce student to the teaching profession.

The class includes 12 hours of field experience, develop a case study, ten assignments related to the field experience observation, written reflection on the observation and a classroom presentation reflecting on the field experience, quizzes, a mid-term and a final exam. The current two-credit class does not provide adequate time to cover all of the required material with the depth needed to acquaint students with middle level education and the teaching profession

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

None.

2. Outside the department.

None.

Effective date or term: Fall 2006

Summer 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (Yes/no)	Date:
1. Dr. David Bell, Department Chairperson	Yes	9/29/05
2. Dr. Glenn Sheets, Dean	Yes	9/29/05
3.		
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

Current assessment practices that have been put into place in the department for MLED 2002 would continue.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

Outline in specific detail how your proposal will alter the program (include course number and title):
 Middle Level Education – Math/Science

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: MLED 2003 Delete: MLED 2002 Total Hours: 16 Ma/Sci
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Change: Delete: 1 hour elective Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: MLED 2003 Delete: MLED 2002 Total Hours: 16	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: 1 hour elective Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours	

Outline in specific detail how your proposal will alter the program (include course number and title):
 Middle Level Education – Language Arts/Social Studies

Fall Start	
Freshman Fall Semester Add/Change:	Freshman Spring Semester Add/Change: MLED 2003
Delete:	Delete: MLED 2002
Total Hours:	Total Hours: 17 Ma/Sci
Sophomore Fall Semester Add/Change:	Sophomore Spring Semester Add/Change:
Delete:	Delete:
Total Hours:	Total Hours:
Junior Fall Semester Add/Change:	Junior Spring Semester Add/Change:
Delete:	Delete:
Total Hours:	Total Hours:
Senior Fall Semester Change:	Senior Spring Semester Add/Change:
Delete: <i>1 hour elective</i>	Delete:
Total Hours:	Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: MLED 2003	Freshman Fall Semester Add/Change:
Delete: MLED 2002	Delete:
Total Hours: 16	Total Hours:
Sophomore Spring Semester Add/Change:	Sophomore Fall Semester Add/Change:
Delete:	Delete:
Total Hours:	Total Hours:
Junior Spring Semester Add/Change:	Junior Fall Semester Add/Change:
Delete:	Delete:
Total Hours:	Total Hours:
Senior Spring Semester Add/Change:	Senior Fall Semester Add/Change:
Delete: 1 hour elective	Delete:
Total Hours:	Total Hours:
Total Program Hours	

ARKANSAS TECH UNIVERSITY
School of Education
MLED 2002 2003
Introduction to Education
Course Syllabus

Conceptual Framework: Professionals for the Future

Catalog Description: Prerequisite: Stage I course and will be taken before admittance to the Middle Level Teacher Education Program. Introduction to philosophy of education and to the concept of education as a career with an emphasis on middle-level education. The format will include a weekly lecture and on-site field experiences in a public school setting.

Course Description/Rationale: A course designed for potential teacher education candidates for middle childhood -early adolescent licensure. The course of study will address the philosophy of education with an emphasis on working with the middle-childhood/ early adolescent student. The format will include a weekly lecture and field experiences. Students will have the opportunity to observe early childhood and secondary classrooms as well as middle level in order to help them make decisions on what grade level would be suitable for them as a teacher.

Textbook and Required Materials:

Professionals for the Future Policies and Procedures Manual
Field-Based experience Seminar in Middle Level Education

National Middle School Association (2003): *This We Believe: Successful Schools for Young Adolescents*. Westerville, Ohio: NMSA

Manning, L. & Bucher, K. (2005): *Teaching in the Middle School (2nd ed.)* Upper Saddle River, NJ: Merrill Prentice Hall

Ryan, K. & Cooper, J. (2004): *Those who can, teach (10th ed.)*. Boston, MA: Houghton Mifflin

Course Objectives:

Upon completion of this course you will be able to:

- trace the history of Education of the Early Adolescent. (Standards 4.2.3, 5.1.5)
- identify the characteristics of the early adolescent. (Standard 3.1.1)
- identify the characteristics of a middle level education program that meets the intellectual social, emotional, and physical needs of the early adolescent. (Standards 3.1.1, 4.2.3, 5.1.5)
- identify qualities of an effective middle level teacher. (Standard 5.2.1)
- describe the cultural and social aspects of the learning environment at the middle level school. (Standard 4.2.3)
- discuss the multicultural/pluralistic nature of American Education. (Standards 4.2.3, 5.1.5, 5.3.7)
- demonstrate an awareness of the importance of Democratic values in the classroom. (Standard 4.2.3)
- has been an observer in a middle level school setting. (Standard 5.1.1, 5.1.5)

Course Content:

- I. School as a Part of an Organization
- II. Commitment to Democratic Values
- III. The Educational Advantages of the Middle School.
- IV. Qualities of an Effective Middle-Level School.
- V. Trends in Middle-Level Education
- VI. Reasons for Becoming a Teacher.
- VII. Qualities of a Middle-Level Teacher.
- VIII. Multicultural/Pluralistic Nature of American Education
- X. Ethics and Values in a Democratic School System

Method of Instruction

Methods of instruction include lecture, student-centered discussion, reflections, independent research, Cooperative learning, presentations.

- **Note: You must receive a grade of “C” in this class to be admitted to Stage II.**

Course Requirements:

1. Students are expected to attend all classes and participate fully. (See attendance policy.)
2. Attend 12 hours of field experience. Receive an evaluation from the classroom teacher.
3. Three written paper
 - a. Autobiography
 - b. A Philosophy/belief Statement
 - c. Reflection over your own middle level experience. (#7 Classroom observation)
4. Observations Assignments
 - a. Cultural and social aspects
 - b. Principal interview
 - c. Political, social and financial control
 - d. Interview with the teacher
 - e. Interview with a middle level parent
 - f. Interview with a young adolescent
 - g. Visit to a Governing Board/PTO meeting
 - h. Instructional content and strategies
 - i. Classroom management Reflection
5. Field Experience Assessment
 - a. Teacher evaluation form/time sheet
 - b. Page two of handbook
 - c. Observation log
6. In Class Assignments
 - a. Presentation on field experience.
 - b. Mid-Term Exam
 - c. Final Exam
 - d. Quizzes
 - e. Organizing course notebook

ADDITIONAL RESOURCES

Print Resources

National Middle School Association. (1998). *This we believe. (5th ed.)*.

Jackson, A. & Davis, G. (2000). *Turning points 2000*. New York, NY: Teachers College Press

Carnegie Council on Adolescent Development. (1990). *Turning points: preparing American youth for The 21st century*. New York, NY: Carnegie Corporation.

Publication Manual of the American Psychological Association (5th ed.)

Professional Organizations and Journals

National Middle School Association

Journals: Middle School Journal

Middle Ground

Web site: <http://nmsa.org>

Arkansas Association of Middle Level Education

Web site: AAMLE.org

Association for Supervision and Curriculum Development (ASCD)

Journal: Educational Leadership

Web site: ASCD.org

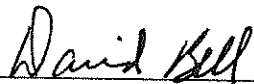
Arkansas Department of Education

Web site: arkedu.state.ar.us


CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.



Department Head



Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Dec. 8, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MLED 4013

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO YES Cross-listed? MLED ~~5023~~
5013
- NO YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NO times for a maximum of _____ hours.

Fees attached to class? Amount NO Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/17/06 Delete Date _____ By [Signature]

Fee? NO Add to list? NO Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)
From: School of Education – Curriculum and Instruction
Date Submitted: October 25, 2005
Request for: Course addition
Submitted by: V. Carole Smith, Ph.D.
Assistant Professor
Middle Level Education
Approved by: Department Head/ Dean *David Bell*
Reviewed by: Dean of School *Jan Sheets*
Registrar: *Jammy Kucis*
Vice President:

If this is a declaration or other minor change, describe and give rationale.

If this is an additional of new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. **Catalog: description** *4013/5013*
Number: MLED 4023/5023

Title for catalog: Teaching the Young Adolescent (Teaching the Yng Adol)

Description: A study of developmentally appropriate curriculum, instruction and pedagogy for teaching the young adolescent with understanding of the historical perspective of middle schools and programs.

Prerequisites: Hold ECED P-4 licensure and passing Praxis II score on Middle Childhood Generalist test or permission of Instructor

Effective date or term: *Summer*
Spring 2006

***Course fees:** None

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: School of Education – Curriculum and Instruction

Date submitted: September 28, 2005

Request for: Course addition

Submitted by: V. Carole Smith, Ph.D.
Assistant Professor
Middle Level Education

Approved by: Department Head: *David Bell*

Dean of School: *Alex Shells 9-30-05*
Reviewed by: Registrar: *Yammy Klodis*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description:

Number: MLED 4023/5023

Title for Catalog: Teaching the Young Adolescent (Teaching the Yng Adol)

Description: A study of developmentally appropriate curriculum, instruction and pedagogy for teaching the young adolescent with an understanding of the historical perspective of middle schools and programs.

Effective date or term: Summer '06

***Course fees:** None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course is designed for teachers and who wish to expand their knowledge of teaching strategies and to encompass best practices for teaching the young adolescent.

In January, 2005, the State Board of Education approved a recommendation from the Professional Education, Development, Licensure, and Assessment Board (PEDLAB) for teacher preparation institutions to offer a licensure endorsement for grades 5 ad 6. (See attached memo.)

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

In the department of Curriculum and Instructions there is an undergraduate Middle Level Education Program. MLED 2002, 3024, 4004, and 3072 are undergraduate courses in Young Adolescent growth and development, methods and pedagogy, the middle level concept, and the diverse learner.

C. Is this course part of any general plan of development within your department? Explain. No.

D. How often will the course be offered?

Summer Sessions

E. How will the course be staffed?

Staffing will come from current personnel in the department of Curriculum and Instruction.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. David Bell, Department Head	Yes	9/29/05
2. Dr. Glenn Sheets, Dean	Yes	9/29/05
3.		
4.		
5.		

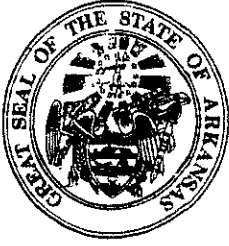
If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

Current assessment practices that have been put into place in the Curriculum and Instruction Department for Middle Level Education will continue.

*Updated 8/1/04

**Updated 9/1/05



Arkansas

DEPARTMENT OF EDUCATION

4 STATE CAPITOL MALL · LITTLE ROCK, ARKANSAS 72201-1071 · (501) 682-4475 · <http://arkedu.state.ar.us>

Dr. Kenneth James, Director of Education

January 13, 2005

TO: Education Dean
Early Childhood Program Coordinator

FROM: Donna Zornes, Coordinator *Donna Zornes*
Professional Quality Enhancement

RE: Licensure Endorsement Application

On Monday, January 10, the State Board of Education approved a recommendation from the Professional Education, Development, Licensure, and Assessment Board (PEDLAB) for teacher preparation institutions to offer a licensure endorsement for grades 5 and 6. The endorsement recommendation was a direct result of requests from school district personnel who brought forward to the PEDLAB the need for a greater supply of teachers who could obtain teacher licensure in grades 5 and 6.

Institutions already holding approval to offer Middle Childhood preparation programs for grades 4-8, may apply to offer this endorsement. To be eligible for the endorsement a candidate must meet the following criteria:

1. Hold a standard P-4 early childhood teaching license (teachers holding provisional or probationary licensure are not eligible for this endorsement)
2. Have successfully completed the Praxis II Middle Childhood content knowledge assessment.

These criteria must be in place before a candidate may be accepted into the licensure endorsement program.

Candidates must successfully complete, or already have completed, the following requirements:

1. Adolescent growth and development
2. Middle childhood teaching strategies and classroom management techniques
3. Meeting the needs of diverse learners in the middle childhood setting.

If you desire to offer this licensure endorsement, send an official letter of intent to the address below indicating when you would like to begin to offer the endorsement. Official course syllabi and vita for instructors are also required.

These materials are to be sent to:

Donna Zornes, Coordinator
Professional Quality Enhancement
Arkansas Department of Education
501 Woodlawn, Suite 220-C
Little Rock, AR 72201

STATE BOARD OF EDUCATION: Chair - JoNell Caldwell, Little Rock · Vice Chair - Jeanna Westmoreland, Arkadelphia
Members: Sherry Burrow, Jonesboro · Shelby Hillman, Carlisle · Calvin King, Marianna · Randy Lawson, Bentonville
MaryJane Rebick, Little Rock · Diane Tatum, Pine Bluff · Naccaman Williams, Johnson

COURSE SYLLABUS
Teaching the Young Adolescent
Middle Level Education 4023/5023

Catalog Description:

4013/5013

A study of developmentally appropriate curriculum, instruction and pedagogy for teaching the middle level student including an understanding of the historical perspective of middle schools and programs.

Rationale:

There continues to be a lack of knowledge of the developmental needs of the young adolescent (10- to 15- year-olds) in the classroom. Programs for early adolescents often ignore the unique characteristics of the young adolescent and regulate their education to a continuation of their elementary education, or the program is a scaled down version of the high school. This course is designed for those teachers who wish to expand their knowledge of teaching strategies encompass best practices for teaching the young adolescent.

The standards for this course are taken from the National Middle School Association Performance-Based Standards for Masters Middle Level Teacher Preparation

“The middle level standards interpret “all young adolescents” to be inclusive, comprising students of diverse ethnicity, race, language, religion socioeconomic status, gender, sexual orientation, regional or geographic origin, and those with exceptional learning needs.”

Standard 1. Young Adolescent Development

Understand and analyze the major concepts, principles, theories, and research related to young adolescent development, and apply that knowledge in practice.

Standard 2. Middle Level Philosophy and School Organization

Understand and analyze the major concepts, principles, theories, and research underlying the philosophical foundations and organizational components of highly effective middle level schools, and apply that knowledge in practice.

Standard 3. Middle Level Curriculum and Assessment

Understand and analyze the major concepts, principles, theories, and research related to middle level curriculum and assessment, and apply that knowledge in practice.

Standard 4. Middle Level Teaching Fields

Understand and analyze the major concepts, principles, theories, standards, and research related to their teaching fields(s), and apply that knowledge in practice.

Standard 5. Middle Level Instruction and Assessment

Understand and analyze the major concepts, principles, theories, and research related to effective middle level instruction and assessment, and apply a variety of effective strategies to meet the varying abilities, interest, and learning styles of all young adolescents.

Standard 6. Family and Community Involvement

Understand and analyze the major concepts, principles, theories, and research related to working collaboratively with family and community members, and provide leadership in helping all stakeholders offer high quality learning opportunities for all young adolescents.

Standard 7. Middle Level Professional Roles

Understand and analyze the major concepts, principles, theories and research related to their professional roles in middle level education, as they apply that knowledge in their practice.

Course Objectives	NMSA Standard
1. Have an in-depth knowledge of a wide variety of teaching/learning strategies that takes into consideration the developmental characteristics of the young adolescent	1, 5
2. Have a thorough understanding of the philosophical foundation of developmentally responsive middle level programs and schools.	2
3. Understand the team process as an effective strategy for student learning.	2
4. Understand that the middle level curriculum should be relevant, inviting, challenging, integrative, and exploratory.	3,5
5. Know how to incorporate young adolescents' ideas, interest, and experiences into the curriculum.	3
6. Know how to use content knowledge to make interdisciplinary connections.	4
7. Teach curriculum that encourages all young adolescents to observe, question and interpret knowledge and ideas from diverse perspectives.	5

Course Content:

- I. Overview of middle level concept.
 - A. Influences from the past and present in middle level education.
 - B. Introduction to middle level teaching and learning.
 - C. Characteristics of the middle level teacher.

- II. Instruction
 - A. The teacher's role in facilitating the learning of young adolescents.
 - B. Effective teaching strategies that meet the developmental needs of the young adolescent.
 - C. How does learning occur with the young adolescent?
 - D. The constructivist classroom.
 - E. Written reflection on classroom activities.

- III. Curriculum
 - A. Curriculum Integration in the middle school classroom.

Methods of Instruction:

Methods of instruction include lecture, student-centered discussion, reflections independent research, cooperative learning, presentations, and review of case studies.

Course Requirements:

1. Class attendance and active participation.
2. Reading of text and assigned articles and case studies.
3. Develop an integrated unit
4. Develop an interdisciplinary unit with a team.
5. Classroom presentation of lesson from unit.
6. Written reflection on articles, case studies and class activities.
7. Class notebook
8. Grade of C or better on exams and quizzes.

Methods of Evaluation:

1. Class performance rubric.
2. Class notebook rubric
3. Lesson plan and unit rubric
4. Presentation rubric
5. Case study rubric

Text

Knowles, T. & Brown, Dave. (2000) *What every middle school teacher should know*. Westerville, OH: NMSA

Henson, K. (2004) *Constructivist teaching strategies for diverse middle-level classrooms*. Boston, MA: Allyn and Bacon

Supplemental Text

George, P.S., & Alexander, W. M. (1993). *The exemplary middle school* (3rd ed.). Fort Worth, TX: Harcourt Brace Jovanovich College Publishers.

Supplemental Resources

Print Resources

National Middle School Association. (1998). *This we believe. (5th ed.)*.

Jackson, A. & Davis, G. (2000): *Turning points 2000*. New York, NY: Teachers College Press

Carnegie Council on Adolescent Development. (1990). *Turning points: preparing American youth for The 21st century*. New York, NY: Carnegie Corporation.

Publication Manual of the American Psychological Association (5th ed.)

Professional Organizations and Journals

National Middle School Association

Journals: Middle School Journal
Middle Ground

Web site: <http://nmsa.org>

Arkansas Association of Middle Level Education

Web site: AAMLE.org

Association for Supervision and Curriculum Development (ASCD)

Journal: Educational Leadership

Web site: ASCD.org

Arkansas Department of Education

Web site: arkedu.state.ar.us

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MLED 4033

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed? MLED 5033

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/17/2006 Delete Date _____ By [Signature]

Fee? no Add to list? no Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)
From: School of Education – Curriculum and Instruction
Date Submitted: October 25, 2005
Request for: Course addition
Submitted by: V. Carole Smith, Ph.D.
Assistant Professor
Middle Level Education
Approved by: Department Head/ Dean *David Bell*
Reviewed by: Dean of School Registrar: *Alex Sheels*
Yammy Lucio
Vice President:

If this is a declaration or other minor change, describe and give rationale.

If this is an additional of new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog: description

Number: MLED 4033/5033

Title for catalog: Young Adolescent Growth and Development (Yng Adol Gro and Devel)

Description: Prospective middle level teacher will study the educational implications the development period of the young adolescence. An emphasis is placed on development characteristics of the young adolescent highlighting the role of the middle level teacher in promoting the healthy development of the young adolescent.

Prerequisites: Hold ECED P-4 licensure and passing Praxis II score on Middle Childhood Generalist test or permission of Instructor

Effective date or term: *Summer*
Spring 2006

***Course fees:** None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

Effective middle level teachers must know and understand the middle level philosophy, and the relationship of that philosophy to the unique physical, intellectual, emotional, social, and character development of the young adolescent.

In January, 2005, the State Board of Education approved a recommendation from the Professional Education, Development, Licensure, and Assessment Board (PEDLAB) for teacher preparation institutions to offer a licensure endorsement for grades 5 ad 6. (See attached memo.)

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

In the department of Curriculum and Instructions there is an undergraduate Middle Level Education Program. MLED 2002, 3024, 4004, and 3072 are undergraduate courses in Young Adolescent growth and development, methods and pedagogy, the middle level concept, and the diverse learner.

C. Is this course part of any general plan of development within your department? Explain. No.

D. How often will the course be offered?

Summer Sessions

E. How will the course be staffed?

Staffing will come from current personnel in the department of Curriculum and Instruction.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

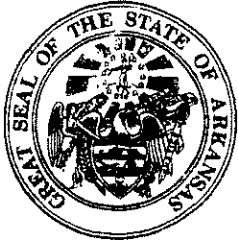
List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. David Bell, Department Head	Yes	9/29/05
2. Dr. Glenn Sheets, Dean	Yes	9/29/05
3.		
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

Current assessment practices that have been put into place in the Curriculum and Instruction Department for Middle Level Education will continue.

*Updated 8/1/04
**Updated 9/1/05



Arkansas

DEPARTMENT OF EDUCATION

4 STATE CAPITOL MALL · LITTLE ROCK, ARKANSAS 72201-1071 · (501) 682-4475 · <http://arkedu.state.ar.us>

Dr. Kenneth James, Director of Education

January 13, 2005

TO: Education Dean
Early Childhood Program Coordinator

FROM: Donna Zornes, Coordinator *Donna Zornes*
Professional Quality Enhancement

RE: Licensure Endorsement Application

On Monday, January 10, the State Board of Education approved a recommendation from the Professional Education, Development, Licensure, and Assessment Board (PEDLAB) for teacher preparation institutions to offer a licensure endorsement for grades 5 and 6. The endorsement recommendation was a direct result of requests from school district personnel who brought forward to the PEDLAB the need for a greater supply of teachers who could obtain teacher licensure in grades 5 and 6.

Institutions already holding approval to offer Middle Childhood preparation programs for grades 4-8, may apply to offer this endorsement. To be eligible for the endorsement a candidate must meet the following criteria:

1. Hold a standard P-4 early childhood teaching license (teachers holding provisional or probationary licensure are not eligible for this endorsement)
 2. Have successfully completed the Praxis II Middle Childhood content knowledge assessment.
- These criteria must be in place before a candidate may be accepted into the licensure endorsement program.

Candidates must successfully complete, or already have completed, the following requirements:

1. Adolescent growth and development
2. Middle childhood teaching strategies and classroom management techniques
3. Meeting the needs of diverse learners in the middle childhood setting.

If you desire to offer this licensure endorsement, send an official letter of intent to the address below indicating when you would like to begin to offer the endorsement. Official course syllabi and vita for instructors are also required.

These materials are to be sent to:

Donna Zornes, Coordinator
Professional Quality Enhancement
Arkansas Department of Education
501 Woodlawn, Suite 220-C
Little Rock, AR 72201

STATE BOARD OF EDUCATION: Chair - JoNell Caldwell, Little Rock · Vice Chair - Jeanna Westmoreland, Arkadelphia
Members: Sherry Burrow, Jonesboro · Shelby Hillman, Carlisle · Calvin King, Marianna · Randy Lawson, Bentonville
MaryJane Rebick, Little Rock · Diane Tatum, Pine Bluff · Naccaman Williams, Johnson

COURSE SYLLABUS
Young Adolescent Growth and Development
Middle Level Education 4033/5033

Catalog Description:

Prospective middle level teachers will study the educational implications of the developmental period of the young adolescent. An emphasis is placed on developmental characteristics of the young adolescent highlighting the role of the middle level teacher in promoting the healthy development of the young adolescent.

Rationale:

Effective middle level teachers must know and understand the middle level philosophy, and the relationship of that philosophy to the unique physical, intellectual, emotional, social, and character development of the young adolescent.

Standards:

The standards for this course will were taken from the National Middle School Association Performance-Based Standards for Masters Middle Level Teacher Preparation

“The middle level standards interpret “all young adolescents” to be inclusive, comprising students of diverse ethnicity, race, language, religion socioeconomic status, gender, sexual orientation, regional or geographic origin, and those with exceptional learning needs.”

Standard 1. Young Adolescent Development

Understand and analyze the major concepts, principles, theories, and research related to young adolescent development, and apply that knowledge in practice.

Standard 2. Middle Level Philosophy and School Organization

Understand and analyze the major concepts, principles, theories, and research underlying the philosophical foundations and organizational components of highly effective middle level schools, and apply that knowledge in practice.

Standard 3. Middle Level Curriculum and Assessment

Understand and analyze the major concepts, principles, theories, and research related to middle level curriculum and assessment, and apply that knowledge in practice.

Standard 4. Middle Level Teaching Fields

Understand and analyze the major concepts, principles, theories, standards, and research related to their teaching fields(s), and apply that knowledge in practice.

Standard 5. Middle Level Instruction and Assessment

Understand and analyze the major concepts, principles, theories, and research related to effective middle level instruction and assessment, and apply a variety of effective strategies to meet the varying abilities, interest, and learning styles of all young adolescents.

Standard 6. Family and Community Involvement

Understand and analyze the major concepts, principles, theories, and research related to working collaboratively with family and community members, and provide leadership in helping all stakeholders offer high quality learning opportunities for all young adolescents.

Standard 7. Middle Level Professional Roles

Understand and analyze the major concepts, principles, theories and research related to their professional roles in middle level education, and apply that knowledge in practice.

Course Objectives	NMSA Standards
Upon completion of this course, prospective middle level teachers will be able to:	
1. Have an in-depth understanding of the developmental characteristics of the young adolescent and the relationship to the classroom.	1, 2, 5
2. Understand the individual differences of young adolescents and the effect these differences have on teaching and learning.	1, 2
3. Analyze and assess the role of appropriate educational research as a resource and a process for improving teaching and learning in the middle grades.	7
4. Determine the characteristics of effective middle level teachers and explain how these characteristics promote effective learning.	2, 4
5. Describe the intellectual, physical, social, emotional and moral Development of the young adolescent.	1
6. Have practical professional knowledge of health and sexuality issues of the young adolescent.	1
7. Understand the importance of the teacher influence on the young adolescent.	7
8. Understand the importance advisory/advocates for the emotional development of the young adolescent.	7
9. Understand the need to reflect on the instructional process and professional relationships to the success of young adolescents in middle school.	7

Course Content:

- I. Overview of the development of the young adolescent.
 - A. Identity Development
 - Physical
 - Social
 - Emotional
 - Intellectual
 - Moral Development
- II. Implication of Young Adolescent Development in the Classroom
 - A. Designing Curriculum
 - B. Implementing Curriculum
 - C. Instructional Planning and Development

Methods of Instruction:

Methods of instruction include lecture, student-centered discussion, reflections, independent research, cooperative learning, presentations, and review and development of case studies.

Course Requirements:

1. Class attendance and active participation.
2. Reading of text and assigned articles and case studies.
3. Research paper on one young adolescent developmental characteristic.
4. Development of a case study on one young adolescent.
5. Written reflection on articles, case studies, and class activities.
6. Class notebook.
7. Grade of C or better on exams and quizzes.

Text

Sadowski, M. (Ed.). (2003). *Adolescents at school: perspectives on youth, identity, and education*. Cambridge, MA: Harvard Education Press.

Van Hoose, J., Strahan, D., & Esperance, M. (2001). *Promoting harmony: Young adolescent development and school practices*. Westerville, OH: National Middle School Association

Supplemental Resources

Print Resources

National Middle School Association. (1998). *This we believe*. (5th ed.).

Jackson, A. & Davis, G. (2000). *Turning points 2000*. New York, NY: Teachers College Press

Carnegie Council on Adolescent Development. (1990). *Turning points: preparing American youth for the 21st century*. New York, NY: Carnegie Corporation.

Publication Manual of the American Psychological Association (5th ed.)

Professional Organizations and Journals

National Middle School Association

Journals: Middle School Journal

Middle Ground

Web site: <http://nmsa.org>

Arkansas Association of Middle Level Education

Web site: AAMLE.org

Association for Supervision and Curriculum Development (ASCD)

Journal: Educational Leadership

Web site: ASCD.org

Arkansas Department of Education

Web site: arkedu.state.ar.us

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: School of Education – Curriculum and Instruction

Date submitted: September 28, 2005

Request for: Course addition

Submitted by: V. Carole Smith, Ph.D.
Assistant Professor
Middle Level Education

Approved by: Department Head: *David Bell*

Reviewed by: Dean of School: *Steven Shurt 9-30-05*
Registrar: *Sammy Edwards*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description:

Number: MLED 4033/5033

Title for Catalog: Young Adolescent Growth and Development (Yng Adol Gro and Devel)

Description: Prospective middle level teacher will study the educational implications the developmental period of the young adolescence. An emphasis is placed on developmental characteristics of the young adolescent highlighting the role of the middle level teacher in promoting the healthy development of the young adolescent.

Effective date or term: Summer '06

***Course fees:** None

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11/10/05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Mled 4043

Correct Effective Term

Correct Course Title

Correct Course Level, _____ Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO _____ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO _____ YES Cross-listed?

NO _____ YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit na times for a maximum of _____ hours.

Fees attached to class? Amount na Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7/5/06 Delete Date _____ By L Amitt

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: School of Education – Curriculum and Instruction

Date submitted: September 28, 2005

Request for: Course addition

Submitted by: V. Carole Smith, Ph.D.
Assistant Professor
Middle Level Education

Reviewed by: Department Head *David Bell*
Dean of School *Alex Shute*
Registrar *Tommy Woods*
Vice President

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee does not need evaluation and testing procedural information nor does it need excessively long bibliographies.)

I. Catalog description:

Number: MLED 4043/5043

Title for Catalog: Diversity in the Middle Level Classroom (Diversity in the Mid Lev Clr)

Description: Prospective middle level teacher will study the educational implications the development period of the young adolescence. An emphasis is placed on developmental characteristics of the young adolescent highlighting the role of the middle level teacher in promoting the healthy development of the young adolescent.

Prerequisites: Hold ECED P-4 licensure and passing Praxis II score on Middle Childhood Generalist test or permission of Instructor.

Effective date or term: Summer '06

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

A rapidly changing world has created a classroom that has become more diverse. The purpose of the course is to acquaint middle level teachers with the diversity of the middle level classroom by exploring issues of poverty, cultural and racial diversity and learners with exceptionalities

In January, 2005, the State Board of Education approved a recommendation from the Professional Education, Development, Licensure, and Assessment Board (PEDLAB) for teacher preparation institutions to offer a licensure endorsement for grades 5 ad 6. (See attached memo.)

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

In the department of Curriculum and Instructions there is an undergraduate Middle Level Education Program. MLED 2002, 3024, 4004, and 3072 are undergraduate courses in Young Adolescent growth and development, methods and pedagogy, the middle level concept, and the diverse learner.

C. Is this course part of any general plan of development within your department? Explain. No.

D. How often will the course be offered?

Summer Sessions

E. How will the course be staffed?

Staffing will come from current personnel in the department of Curriculum and Instruction.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. David Bell, Department Head	Yes	9/29/09
2. Dr. Glenn Sheets, Dean	Yes	9/29/09
3.		
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

Current assessment practices that have been put into place in the Curriculum and Instruction Department for Middle Level Education will continue.

*Updated 8/1/04

**Updated 9/1/05

Course Syllabus
Diversity in the Middle Level Classroom
MLED 4043/5043

Catalog Description:

Prospective middle level teachers will study the educational implications of the economic, cultural, racial and intellectually diverse middle level classroom.

Rationale:

A rapidly changing world has created a classroom that has become more diverse. The purpose of the course is to acquaint middle level educators with the diversity of the middle level classroom by exploring issues of poverty, cultural and racial diversity and learners with exceptionalities.

Standards

The standards for this course are taken from the National Middle School Association Performance-Based Standards for Masters Middle Level Teacher Preparation

“The middle level standards interpret “all young adolescents” to be inclusive, comprising students of diverse ethnicity, race, language, religion socioeconomic status, gender, sexual orientation, regional or geographic origin, and those with exceptional learning needs.”

Standard 1. Young Adolescent Development

Understand and analyze the major concepts, principles, theories, and research related to young adolescent development, and apply that knowledge in practice.

Standard 2. Middle Level Philosophy and School Organization

Understand and analyze the major concepts, principles, theories, and research underlying the philosophical foundations and organizational components of highly effective middle level schools, and apply that knowledge in practice.

Standard 3. Middle Level Curriculum and Assessment

Understand and analyze the major concepts, principles, theories, and research related to middle level curriculum and assessment, and apply that knowledge in practice.

Standard 4. Middle Level Teaching Fields

Understand and analyze the major concepts, principles, theories, standards, and research related to their teaching fields(s), and apply that knowledge in practice.

Standard 5. Middle Level Instruction and Assessment

Understand and analyze the major concepts, principles, theories, and research related to effective middle level instruction and assessment, and apply a variety of effective strategies to meet the varying abilities, interest, and learning styles of all young adolescents.

Standard 6. Family and Community Involvement

Understand and analyze the major concepts, principles, theories, and research related to working collaboratively with family and community members, and provide leadership in helping all stakeholders offer high quality learning opportunities for all young adolescents.

Standard 7. Middle Level Professional Roles

Understand and analyze the major concepts, principles, theories and research related to their professional roles in middle level education, as they apply that knowledge in their practice.

Course Objectives	NMSA Standard
Upon completion of this course, prospective middle level teachers will:	
1. Have an in-depth knowledge of a wide variety teaching/learning strategy that takes into consideration diversity in the middle level classroom.	1, 5
2. Teach a curriculum that encourages all young adolescents to observe, question and interpret knowledge and ideas from diverse perspectives.	5
3. Identify the categories of exceptionalities and explain how the different exceptionalities affect student learning.	1
4. Adopt instructional strategies to meet the needs of students with exceptionalities.	1
5. Understand the framework for poverty.	6
6. Understand the range of individual differences of young adolescents and evaluate their effects on teaching and learning.	2
7. Understand the classroom as a global community.	6

Course Content:

1. A Framework for Understanding Poverty – Ruby Payne
2. Current Issues and trends on students with disabilities.
3. Cultural, Racial, and Ethnic Diversity in the Classroom.
 - a. Creating classrooms that address race and ethnicity
 - b. Schools as cultural crossroads
 - c. Developing learning communities
5. Creating developmentally appropriate classrooms.
4. Organizational Notebook

Methods of Instruction:

Methods of instruction include lecture, student-centered discussion, reflections, independent research, cooperative learning, presentations, and case studies.

Course Requirements:

1. Class attendance and active participation.
2. Reading of text and assigned articles and cased studies.
3. Development of a case study on a language minority student.
4. Development of a unit that include modification for students with language or exceptionality needs.
5. Written reflection on articles, case studies, and class activities.
6. Organized class notebook.
7. Grade of C or better on exams and quizzes.

Text

Cushner, K., McClelland, A., & Safford, P. (2006). *Human diversity in education an integrative approach*, 5th ed. Boston: McGraw-Hill.

Payne, R.K. (2003). *A framework for understanding poverty*, 3rd ed. Texas: Aha! Press.

Dore, D., *Diversity and young adolescents: more than color*. Westerville, Ohio: NMSA

National Middle School Association (2003): *This We Believe: Successful Schools for Young Adolescents*. Westerville, Ohio: NMSA

Supplemental Reading List:

Allen, T. (2000). Creating community in your classroom. *The Education Digest*, 65 (7), 23-27.

Beacon Press. (1998), *The real ebonics debate: power, language, and the education of African-American children*. Boston: Beacon Press.

Carstensen, K. D. (1999). *It's all about the girls: the essence of the single-sex school*. University of Nebraska-Lincoln.

Clinton, H. . (1996). *It Takes a Village: and other lessons children teach us*. New York: Simon and Shuster.

Delpit, Lisa (1995) *Other people's children: cultural conflict in the classroom*. New York: New Press.

Fueyo, V. (1997). Below the tip of the iceberg, teaching language-minority students. *Teaching Exceptional Children*, 30_(1), 61-65.

Guptill, A. (2000). Using the internet to improve student performance. *Teaching Exceptional Children*, 32 (4), 16-20.

Heller, I., Manning, D., Pavur, D., & Wagner, K. (1998). Let's all sign! *Teaching Exceptional Children*, 30 (3), 50-53.

Junge, E. (1995). Mathematical self-efficacy gender differences in gifted/talented adolescents. *Gifted Child Quarterly*, 39 (1), 22-26.

Parette, H. P., & Petch-Hogan, B. (2000). Approaching families: facilitating culturally/linguistically diverse family involvement. *Teaching Exceptional Children*, 33 (2), 4-9.

Rimm, S. B. (1999). *See Jane win : the Rimm report on how 1,000 girls became successful women*. New York: Crown Publishing.

Shupe, M., & Richardson, B. (2003). The importance of teacher self-awareness in working with students with emotional and behavioral disorders. *Teaching Exceptional Children*, 36 (2), 8-13.

Stevens, C. (1999). Is it really ADD? *Phi Delta Kappan*, 41 (3), 33-37.

Vaughn, S., Elbaum, B., Schumm, J. (1996). The effects of inclusion on the social functioning of students with learning disabilities. *Journal of Learning Disabilities*, 29 (6), 598-608.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: School of Education – Curriculum and Instruction

Date submitted: September 28, 2005

Request for: Course addition

Submitted by: V. Carole Smith, Ph.D.
Assistant Professor
Middle Level Education

Approved by: Department Head: *David Bell*

Dean of School: *Steve Sheets 9-30-05*

Reviewed by: Registrar: *Jammy Keedes*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description:

Number: MLED 4043/5043

Title for Catalog: Diversity in the Middle Level Classroom (Diversity in the Mid Lev Clr)

Description: Prospective middle level teacher will study the educational implications the developmental period of the young adolescence. An emphasis is placed on developmental characteristics of the young adolescent highlighting the role of the middle level teacher in promoting the healthy development of the young adolescent.

Effective date or term: Summer '06

***Course fees:** None

PROPOSAL FOR COURSE CHANGE ✓

Arkansas Tech University

Request for: Course addition: ✓

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) PE 1301

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code 131314

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? P/F? Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? _____ CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date _____ Delete Date _____ By _____

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE—PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Health and Physical Education Department

Date submitted: September 26, 2005

Request for: Course change ___ Course deletion ___ Course addition ___X___
(Excluding course credit hour changes)

Submitted by: Denise Sery

Approved by: Department Head: *Annette Haleyfield*

Dean of School *Alem Street 9-30-05*

Reviewed by: Registrar: *Jammy Richards*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: This course offers students beginning level technical and performance training in ballet. Flexibility, strength, body alignment and coordination lay a foundation for the introduction of more advanced aspects of dance artistry including more difficult steps, musicality, mobility and balance.

Number: PE1301

Title for Catalog: Beginning Ballet I

*Title for Course Inventory Beginning Ballet I

Description: This course is designed for those students that have little or no ballet training but have an interest in pursuing dance. Ballet forms the basis for all dance arts and offers specific training in all muscle groups of the body.

Effective date or term: Fall 2006
Summer I

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course is open to all students who have an interest in ballet. It is a fundamental course for further study in all areas of dance, as well as the other performing arts. The course will serve as another option for all students to fulfill one credit hour of the general education activity requirement.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? The Health and Physical Education Department currently offers Social Dance (PE1121) and Folk and Square Dance (PE1101). Both courses are open to all students. The only course offerings to students for dance as a performing art are two survey classes, Introduction to Theatrical Dance (TH2301) and Advanced Theatrical Dance (TH2331). Ballet classes would build on those classes for students who would like to further their dance education.
- C. Is this course part of any general plan of development within your department? Explain. These classes are being offered as a result of student interest and past requests. If student interest/enrollment warrants additional classes in this area, we do have preliminary drafts of additional coursework. Currently, however, we'll monitor the implementation success of the ballet series of courses.
- D. How often will the course be offered? On demand
- E. How will the course be staffed? Current adjunct faculty with dance expertise will teach the course. No additional faculty will be needed.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.) This course does not affect other departments' offerings, but would dovetail well with and complement the other performing arts classes such as those in Music and Theatre (Acting Theories—TH2703, Opera Workshop—MUS1301, Music Theatre Workshop—MUS1611 & 3611, and Music Theatre Practicum—MUS1621 & 3621).

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Andy Anders	Yes	9/27/05
2. Ken Futterer	Yes	9/28/05
3. Donna Vocate	Yes	9/28/05
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

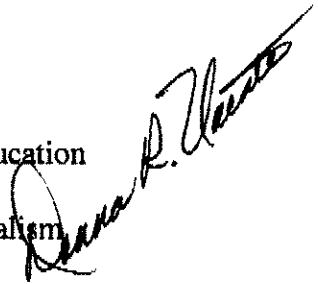
**Updated 9/1/05

- G. This new course will be a service activity course open to all students. It is not a part of the Health and Physical Education Department's Program Assessment Plan.

Memorandum

DATE: September 28, 2005

TO: Dr. Annette Holeyfield, Head of Health and Physical Education

FROM: Dr. Donna R. Vocate, Head of Speech, Theatre, & Journalism 

SUBJECT: Ballet Course Proposals

This is to confirm my support for the various ballet course proposals you are making for additional PE Activity Credit courses. There is no conflict with our TH 2301-Introduction to Theatrical Dance and TH 2331-Advanced Theatrical Dance since both are survey courses upon which the proposed coursework would build if student interest warranted additional ballet training. It would also complement our performance oriented Theatre students by helping them develop better control of body movements. Consequently, I have no reservations about your proposals as outlined.



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Department of Music
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Russellville, AR 72801-2222

phone: 479-968-0368
fax: 479-968-0467

www.atu.edu

TO: Dr. Hamm
Faculty Senate
Curriculum Committee

FROM: Ken Futterer, Music Department *KTF*

DATE: September 28, 2005

SUBJECT: Proposed classes: Ballet I, II, & III

It is my pleasure to write a letter in support of the three Ballet classes proposed by Ms. Sery and Department of Health and Physical Education.

Ballet is the foundation of all dance. As an academic discipline ballet can be traced to the ancient Greeks and was codified into our current practices in the Court of Louie the XIV. Unfortunately, ATU has been unable to offer (and staff) this cornerstone art until recently. As such, Ms. Sery's proposals address a long standing need in the Arts curriculum at ATU, and allows Arkansas Tech University to offer a complete educational experience in the Performing Arts.

In addition, I am impressed with the concept of a "Dance Entrepreneurship Program". There are no programs like this in the state and very few programs like this in the nation. In Russellville, there are 4 dance studios (private business') that enroll approximately 500 students. In our immediate surrounding River Valley area (not including Conway, FT. Smith or LR) there are (at last count) 7 more studios. Each of these studios offer potential candidates for a dance program.

One of my classes, MUS 1611 - Music Theatre Workshop, was correctly referenced in Ms. Sery's proposal as an academic offering that could profit from classes of this nature. I would like to point out that MUS 1621, MUS 3611, MUS 3621 would also profit from Ballet.

In summation, Ballet is the 3rd and final leg of a complete Performing Arts Program, and I applaud both Ms. Sery and Department of Health and Physical Education for the willingness to offer this at ATU.

COURSE NUMBER: PE1301

COURSE TITLE: Beginning Ballet I

INSTRUCTOR: Denise Sery

Office Hours: by appointment

Phone: 968-0344 (PE office, leave a message)

E-mail: denise.sery@mail.atu.edu

CATALOG DESCRIPTION: This course offers students beginning level technical and performance training in ballet. Flexibility, strength, body alignment and coordination lay a foundation for the introduction of more advanced aspects of dance artistry including more difficult steps, musicality, mobility and balance.

REQUIRED TEXT: Warren, Gretchen Ward. *Classical Ballet Technique*. University Press of Florida, 1990.

BIBLIOGRAPHY (supplemental reading list): none

JUSTIFICATION/RATIONALE FOR COURSE: Ballet is the foundation for all dance forms and a basis for body knowledge in all other performing arts. This course, therefore, provides a fundamental working knowledge of French terminology and physiological vocabulary necessary for ballet training.

COURSE OBJECTIVES:

The course objectives are:

- Understand and articulate basic ballet vocabulary
- Perform simple enchainments at the barre and in the centre
- Train the body to perform enchainments and simple choreography

COURSE CONTENT:

After the initial introduction to all the exercises that constitute a ballet class, each lesson will follow the standard format for ballet classes with specific themes for each class period:

1. Introduction to body alignment
2. Introduction to Barre exercises
 - a. Plies in first, second, fourth and fifth positions
 - b. Penché and cambré
 - c. Tendu
 - d. Degagé
 - e. Ronde de jamb
 - f. Fondue
 - g. Developé
 - h. Grand battement
3. Introduction to Centre Work
 - a. Centre barre exercises
 - b. Adagio
 - c. Allergo
 - d. Turns
 - e. Rêverence

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) PE 1311

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO ___ YES Cross-listed?

NO ___ YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit 0 times for a maximum of _____ hours.

Fees attached to class? Amount 000 Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7/19/06 Delete Date _____ By [Signature]

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE—PASSED
11/10/05

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee
From: Health and Physical Education Department

Date submitted: September 26, 2005

Request for: Course change ___ Course deletion ___ Course addition X _____
(Excluding course credit hour changes)

Submitted by: Denise Sery

Approved by: Department Head: *Annette Holyfield*
Dean of School *Dean Sheeh 9-30-05*

Reviewed by: Registrar: *Jammy Kucis*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: This course offers students beginning level technical and performance training in ballet. Flexibility, strength, body alignment and coordination lay a foundation for the introduction of more advanced aspects of dance artistry including more difficult steps, musicality, mobility and balance.

Number: PE1311

Title for Catalog: Beginning Ballet II

*Title for Course Inventory Beginning Ballet II

Description: This course is designed for those students that have little or no ballet training but have an interest in pursuing dance. Ballet forms the basis for all dance arts and offers specific training in all muscle groups of the body.

Effective date or term: Fall 2006

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course is open to all students who have an interest in ballet. It is a fundamental course for further study in all areas of dance, as well as the other performing arts. The course will serve as another option for all students to fulfill one credit hour of the general education activity requirement.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? The Health and Physical Education Department currently offers Social Dance (PE1121) and Folk and Square Dance (PE1101). Both courses are open to all students. The only course offerings to students for dance as a performing art are two survey classes, Introduction to Theatrical Dance (TH2301) and Advanced Theatrical Dance (TH2331). Ballet classes would build on those classes for students who would like to further their dance education.
- C. Is this course part of any general plan of development within your department? Explain. These classes are being offered as a result of student interest and past requests. If student interest/enrollment warrants additional classes in this area, we do have preliminary drafts of additional coursework. Currently, however, we'll monitor the implementation success of the ballet series of courses.
- D. How often will the course be offered? On demand
- E. How will the course be staffed? Current adjunct faculty with dance expertise will teach the course. No additional faculty will be needed.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.) This course does not affect other departments' offerings, but would dovetail well with and complement the other performing arts classes such as those in Music and Theatre (Acting Theories—TH2703, Opera Workshop—MUS1301, Music Theatre Workshop—MUS1611 & 3611, and Music Theatre Practicum--MUS1621 & 3621).

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Andy Anders	Yes	9/27/05
2. Ken Futterer	Yes	9/28/05
3. Donna Vocate	Yes	9/28/05
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

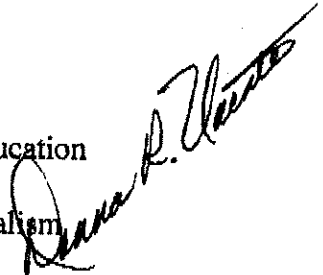
**Updated 9/1/05

- G. This new course will be a service activity course open to all students. It is not a part of the Health and Physical Education Department's Program Assessment Plan.

Memorandum

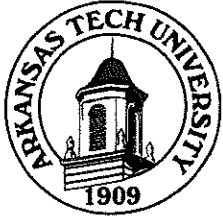
DATE: September 28, 2005

TO: Dr. Annette Holeyfield, Head of Health and Physical Education

FROM: Dr. Donna R. Vocate, Head of Speech, Theatre, & Journalism 

SUBJECT: Ballet Course Proposals

This is to confirm my support for the various ballet course proposals you are making for additional PE Activity Credit courses. There is no conflict with our TH 2301-Introduction to Theatrical Dance and TH 2331-Advanced Theatrical Dance since both are survey courses upon which the proposed coursework would build if student interest warranted additional ballet training. It would also complement our performance oriented Theatre students by helping them develop better control of body movements. Consequently, I have no reservations about your proposals as outlined.



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TO: Dr. Hamm
Faculty Senate
Curriculum Committee

FROM: Ken Futterer, Music Department *KTF*

DATE: September 28, 2005

SUBJECT: Proposed classes: Ballet I, II, & III

It is my pleasure to write a letter in support of the three Ballet classes proposed by Ms. Sery and Department of Health and Physical Education.

Ballet is the foundation of all dance. As an academic discipline ballet can be traced to the ancient Greeks and was codified into our current practices in the Court of Louie the XIV. Unfortunately, ATU has been unable to offer (and staff) this cornerstone art until recently. As such, Ms. Sery's proposals address a long standing need in the Arts curriculum at ATU, and allows Arkansas Tech University to offer a complete educational experience in the Performing Arts.

In addition, I am impressed with the concept of a "Dance Entrepreneurship Program". There are no programs like this in the state and very few programs like this in the nation. In Russellville, there are 4 dance studios (private business') that enroll approximately 500 students. In our immediate surrounding River Valley area (not including Conway, FT. Smith or LR) there are (at last count) 7 more studios. Each of these studios offer potential candidates for a dance program.

One of my classes, MUS 1611 - Music Theatre Workshop, was correctly referenced in Ms. Sery's proposal as an academic offering that could profit from classes of this nature. I would like to point out that MUS 1621, MUS 3611, MUS 3621 would also profit from Ballet.

In summation, Ballet is the 3rd and final leg of a complete Performing Arts Program, and I applaud both Ms. Sery and Department of Health and Physical Education for the willingness to offer this at ATU.

COURSE NUMBER: PE1311

COURSE TITLE: Beginning Ballet II

INSTRUCTOR: Denise Sery

Office Hours: by appointment

Phone: 968-0344 (PE office, leave a message)

E-mail: denise.sery@mail.atu.edu

CATALOG DESCRIPTION: This course offers students beginning level technical and performance training in ballet. Flexibility, strength, body alignment and coordination lay a foundation for the introduction of more advanced aspects of dance artistry including more difficult steps, musicality, mobility and balance.

REQUIRED TEXT: Warren, Gretchen Ward. *Classical Ballet Technique*. University Press of Florida, 1990.

BIBLIOGRAPHY (supplemental reading list): none

JUSTIFICATION/RATIONALE FOR COURSE: Ballet is the foundation for all dance forms and a basis for body knowledge in all other performing arts. This course, therefore, provides a fundamental working knowledge of French terminology and physiological vocabulary necessary for ballet training.

COURSE OBJECTIVES:

The course objectives are:

- Understand and articulate basic ballet vocabulary
- Perform simple enchainments at the barre and in the centre
- Train the body to perform enchaînments and simple choreography

COURSE CONTENT:

After the initial introduction to all the exercises that constitute a ballet class, each lesson will follow the standard format for ballet classes with specific themes for each class period:

1. Introduction to body alignment
2. Introduction to Barre exercises
 - a. Plies in first, second, fourth and fifth positions
 - b. Penché and cambré
 - c. Tendu
 - d. Degagé
 - e. Ronde de jamb
 - f. Fondue
 - g. Developé
 - h. Grand battement
3. Introduction to Centre Work
 - a. Centre barre exercises
 - b. Adagio
 - c. Allergo
 - d. Turns
 - e. Rèvèrence

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) PE 1321

- Correct Effective Term
 Correct Course Title
 Correct Course Level, Correct Course Career
 Correct hours (CRED MIN)
 Correct Department
 Correct CIP Code
 Correct Approval Date
 NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
 NO ___ YES Cross-listed?
 NO ___ YES Co-requisite?
 Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NO times for a maximum of _____ hours.

Fees attached to class? Amount NO Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date _____ Delete Date _____ By _____

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
- PASSED 10/29/05

FACULTY SENATE--PASSED
11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Health and Physical Education Department

Date submitted: September 26, 2005

Request for: Course change ___ Course deletion ___ Course addition X
(Excluding course credit hour changes)

Submitted by: Denise Sery

Approved by: Department Head: *Annette Holayfield*

Dean of School *Alem Shuts 9-30-05*

Reviewed by: Registrar: *Jammy Lewis*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: This course offers students beginning level technical and performance training in ballet. Flexibility, strength, body alignment and coordination lay a foundation for the introduction of more advanced aspects of dance artistry including more difficult steps, musicality, mobility and balance.

Number: PE1321

Title for Catalog: Intermediate Ballet I

*Title for Course Inventory Intermediate Ballet I

Description: This course offers intermediate-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to more advanced dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

Effective date or term: Fall 2006

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course is open to all students who have an interest in ballet. It is a continuation of the fundamentals of ballet training and is necessary for further study in all areas of dance, as well as the other performing arts. The course will serve as another option for all students to fulfill one credit hour of the general education activity requirement.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? The Health and Physical Education Department currently offers Social Dance (PE1121) and Folk and Square Dance (PE1101). Both courses are open to all students. The only course offerings to students for dance as a performing art are two survey classes, Introduction to Theatrical Dance (TH2301) and Advanced Theatrical Dance (TH2331). Ballet classes would build on those classes for students who would like to further their dance education.
- C. Is this course part of any general plan of development within your department? Explain. These classes are being offered as a result of student interest and past requests. If student interest/enrollment warrants additional classes in this area, we do have preliminary drafts of additional coursework. Currently, however, we'll monitor the implementation success of the ballet series of courses.
- D. How often will the course be offered? On demand
- E. How will the course be staffed? Current adjunct faculty with dance expertise will teach the course. No additional faculty will be needed.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.) This course does not affect other departments' offerings, but would dovetail well with and complement the other performing arts classes such as those in Music and Theatre (Acting Theories—TH2703, Opera Workshop—MUS1301, Music Theatre Workshop—MUS1611 & 3611, and Music Theatre Practicum--MUS1621 & 3621).

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Andy Anders	Yes	9/27/05
2. Ken Futterer	Yes	9/28/05
3. Donna Vocate	Yes	9/28/05
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

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*Updated 8/1/04

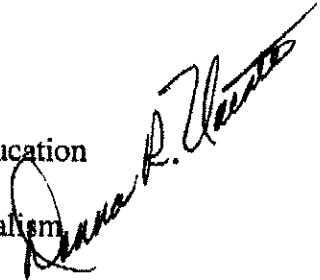
**Updated 9/1/05

- G. This new course will be a service activity course open to all students. It is not a part of the Health and Physical Education Department's Program Assessment Plan.

Memorandum

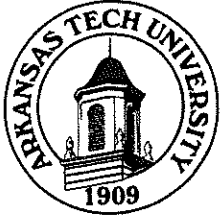
DATE: September 28, 2005

TO: Dr. Annette Holeyfield, Head of Health and Physical Education

FROM: Dr. Donna R. Vocate, Head of Speech, Theatre, & Journalism 

SUBJECT: Ballet Course Proposals

This is to confirm my support for the various ballet course proposals you are making for additional PE Activity Credit courses. There is no conflict with our TH 2301-Introduction to Theatrical Dance and TH 2331-Advanced Theatrical Dance since both are survey courses upon which the proposed coursework would build if student interest warranted additional ballet training. It would also complement our performance oriented Theatre students by helping them develop better control of body movements. Consequently, I have no reservations about your proposals as outlined.



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TO: Dr. Hamm
Faculty Senate
Curriculum Committee

FROM: Ken Futterer, Music Department *KFF*

DATE: September 28, 2005

SUBJECT: Proposed classes: Ballet I, II, & III

It is my pleasure to write a letter in support of the three Ballet classes proposed by Ms. Sery and Department of Health and Physical Education.

Ballet is the foundation of all dance. As an academic discipline ballet can be traced to the ancient Greeks and was codified into our current practices in the Court of Louie the XIV. Unfortunately, ATU has been unable to offer (and staff) this cornerstone art until recently. As such, Ms. Sery's proposals address a long standing need in the Arts curriculum at ATU, and allows Arkansas Tech University to offer a complete educational experience in the Performing Arts.

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In summation, Ballet is the 3rd and final leg of a complete Performing Arts Program, and I applaud both Ms. Sery and Department of Health and Physical Education for the willingness to offer this at ATU.

CURRICULUM COMM

=PASSED 10/28/05

COURSE NUMBER: PE1321

COURSE TITLE: Intermediate Ballet I

INSTRUCTOR: Denise Sery

Office Hours: by appointment

Phone: 968-0344 (PE office, leave a message)

E-mail: denise.sery@mail.atu.edu

CATALOG DESCRIPTION: This course offers intermediate-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to more advanced dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

REQUIRED TEXT: Warren, Gretchen Ward. *Classical Ballet Technique*. University Press of Florida, 1990.

BIBLIOGRAPHY (supplemental reading list): none

JUSTIFICATION/RATIONALE FOR COURSE: Ballet is the foundation for all dance forms and a basis for body knowledge in all other performing arts. This course, therefore, provides an intermediate level knowledge of French terminology and physiological vocabulary necessary for ballet training.

COURSE OBJECTIVES:

The course objectives are:

- Understand and articulate ballet vocabulary
- Perform intermediate level enchaînments at the barre and in the centre
- Train the body to perform intermediate enchaînments and choreography

COURSE CONTENT:

Each lesson will follow the standard format for ballet classes with specific themes for each class:

1. Introduction to body alignment
2. Introduction to Barre exercises
 - a. Plies in first, second, fourth and fifth positions
 - b. Penché and cambré
 - c. Tendu
 - d. Degagé
 - e. Ronde de jamb
 - f. Fondue
 - g. Developé
 - h. Grand battement
3. Introduction to Centre Work
 - a. Centre barre exercises
 - b. Adagio
 - c. Allergo

- d. Turns
- e. R ev erence

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11/10/05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) PE 1331

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Health and Physical Education Department

Date submitted: September 26, 2005

Request for: Course change ___ Course deletion ___ Course addition ___ X ___
(Excluding course credit hour changes)

Submitted by: Denise Sery

Approved by: Department Head: *Annette Haleyfield*

Dean of School: *Alan Sheets 9-30-05*

Reviewed by: Registrar: *Jammy Kucis*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: This course offers students beginning level technical and performance training in ballet. Flexibility, strength, body alignment and coordination lay a foundation for the introduction of more advanced aspects of dance artistry including more difficult steps, musicality, mobility and balance.

Number: PE1331

Title for Catalog: Intermediate Ballet II

*Title for Course Inventory Intermediate Ballet II

Description: This course offers intermediate-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to more advanced dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

Effective date or term: *Fall 2006*
Summer 2006

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course is open to all students who have an interest in ballet. It is a continuation of the fundamentals of ballet training and is necessary for further study in all areas of dance, as well as the other performing arts. The course will serve as another option for all students to fulfill one credit hour of the general education activity requirement.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? The Health and Physical Education Department currently offers Social Dance (PE1121) and Folk and Square Dance (PE1101). Both courses are open to all students. The only course offerings to students for dance as a performing art are two survey classes, Introduction to Theatrical Dance (TH2301) and Advanced Theatrical Dance (TH2331). Ballet classes would build on those classes for students who would like to further their dance education.
- C. Is this course part of any general plan of development within your department? Explain. These classes are being offered as a result of student interest and past requests. If student interest/enrollment warrants additional classes in this area, we do have preliminary drafts of additional coursework. Currently, however, we'll monitor the implementation success of the ballet series of courses.
- D. How often will the course be offered? On demand
- E. How will the course be staffed? Current adjunct faculty with dance expertise will teach the course. No additional faculty will be needed.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.) This course does not affect other departments' offerings, but would dovetail well with and complement the other performing arts classes such as those in Music and Theatre (Acting Theories--TH2703, Opera Workshop--MUS1301, Music Theatre Workshop--MUS1611 & 3611, and Music Theatre Practicum--MUS1621 & 3621).

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Andy Anders	Yes	9/27/05
2. Ken Futterer	Yes	9/28/05
3. Donna Vocate	Yes	9/28/05
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

- G. This new course will be a service activity course open to all students. It is not a part of the Health and Physical Education Department's Program Assessment Plan.

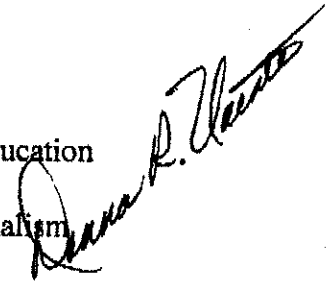
Memorandum

DATE: September 28, 2005

TO: Dr. Annette Holeyfield, Head of Health and Physical Education

FROM: Dr. Donna R. Vocate, Head of Speech, Theatre, & Journalism

SUBJECT: Ballet Course Proposals



This is to confirm my support for the various ballet course proposals you are making for additional PE Activity Credit courses. There is no conflict with our TH 2301-Introduction to Theatrical Dance and TH 2331-Advanced Theatrical Dance since both are survey courses upon which the proposed coursework would build if student interest warranted additional ballet training. It would also complement our performance oriented Theatre students by helping them develop better control of body movements. Consequently, I have no reservations about your proposals as outlined.



SCHOOL OF LIBERAL AND FINE ARTS

Department of Music
Witherspoon Building Room 107
407 West Q Street
Russellville, AR 72801-2222

phone: 479-968-0368
fax: 479-968-0467

www.atu.edu

TO: Dr. Hamm
Faculty Senate
Curriculum Committee

FROM: Ken Futterer, Music Department *KFF*

DATE: September 28, 2005

SUBJECT: Proposed classes: Ballet I, II, & III

It is my pleasure to write a letter in support of the three Ballet classes proposed by Ms. Sery and Department of Health and Physical Education.

Ballet is the foundation of all dance. As an academic discipline ballet can be traced to the ancient Greeks and was codified into our current practices in the Court of Louie the XIV. Unfortunately, ATU has been unable to offer (and staff) this cornerstone art until recently. As such, Ms. Sery's proposals address a long standing need in the Arts curriculum at ATU, and allows Arkansas Tech University to offer a complete educational experience in the Performing Arts.

In addition, I am impressed with the concept of a "Dance Entrepreneurship Program". There are no programs like this in the state and very few programs like this in the nation. In Russellville, there are 4 dance studios (private business') that enroll approximately 500 students. In our immediate surrounding River Valley area (not including Conway, FT. Smith or LR) there are (at last count) 7 more studios. Each of these studios offer potential candidates for a dance program.

One of my classes, MUS 1611 - Music Theatre Workshop, was correctly referenced in Ms. Sery's proposal as an academic offering that could profit from classes of this nature. I would like to point out that MUS 1621, MUS 3611, MUS 3621 would also profit from Ballet.

In summation, Ballet is the 3rd and final leg of a complete Performing Arts Program, and I applaud both Ms. Sery and Department of Health and Physical Education for the willingness to offer this at ATU.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) PE 1341

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO YES Cross-listed?
- NO YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By R. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Health and Physical Education Department

Date submitted: September 26, 2005

Request for: Course change ___ Course deletion ___ Course addition X
(Excluding course credit hour changes)

Submitted by: Denise Sery

Approved by: Department Head: *Annette Haleyfield*

Dean of School *Dean Shuts 9-30-05*

Reviewed by: Registrar: *Jammye Lewis*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: This course offers students beginning level technical and performance training in ballet. Flexibility, strength, body alignment and coordination lay a foundation for the introduction of more advanced aspects of dance artistry including more difficult steps, musicality, mobility and balance.

Number: PE1341

Title for Catalog: Intermediate Ballet III

*Title for Course Inventory Intermediate Ballet III

Description: This course offers intermediate-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to more advanced dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

Effective date or term: Fall 2006

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course is open to all students who have an interest in ballet. It is a continuation of the fundamentals of ballet training and is necessary for further study in all areas of dance, as well as the other performing arts. The course will serve as another option for all students to fulfill one credit hour of the general education activity requirement.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? The Health and Physical Education Department currently offers Social Dance (PE1121) and Folk and Square Dance (PE1101). Both courses are open to all students. The only course offerings to students for dance as a performing art are two survey classes, Introduction to Theatrical Dance (TH2301) and Advanced Theatrical Dance (TH2331). Ballet classes would build on those classes for students who would like to further their dance education.
- C. Is this course part of any general plan of development within your department? Explain. These classes are being offered as a result of student interest and past requests. If student interest/enrollment warrants additional classes in this area, we do have preliminary drafts of additional coursework. Currently, however, we'll monitor the implementation success of the ballet series of courses.
- D. How often will the course be offered? On demand
- E. How will the course be staffed? Current adjunct faculty with dance expertise will teach the course. No additional faculty will be needed.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.) This course does not affect other departments' offerings, but would dovetail well with and complement the other performing arts classes such as those in Music and Theatre (Acting Theories—TH2703, Opera Workshop—MUS1301, Music Theatre Workshop—MUS1611 & 3611, and Music Theatre Practicum--MUS1621 & 3621).

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Andy Anders	Yes	9/27/05
2. Ken Futterer	Yes	9/28/05
3. Donna Vocate	Yes	9/28/05
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

- G. This new course will be a service activity course open to all students. It is not a part of the Health and Physical Education Department's Program Assessment Plan.

COURSE NUMBER: PE1341

COURSE TITLE: Intermediate Ballet III

INSTRUCTOR: Denise Sery

Office Hours: by appointment

Phone: 968-0344 (PE office, leave a message)

E-mail: denise.sery@mail.atu.edu

CATALOG DESCRIPTION: This course offers intermediate-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to more advanced dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

REQUIRED TEXT: Warren, Gretchen Ward. *Classical Ballet Technique*. University Press of Florida, 1990.

BIBLIOGRAPHY (supplemental reading list): none

JUSTIFICATION/RATIONALE FOR COURSE: Ballet is the foundation for all dance forms and a basis for body knowledge in all other performing arts. This course, therefore, provides an intermediate level knowledge of French terminology and physiological vocabulary necessary for ballet training.

COURSE OBJECTIVES:

The course objectives are:

- Understand and articulate ballet vocabulary
- Perform intermediate level enchaînments at the barre and in the centre
- Train the body to perform intermediate enchaînments and choreography

COURSE CONTENT:

Each lesson will follow the standard format for ballet classes with specific themes for each class:

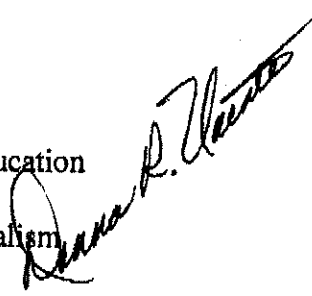
1. Introduction to body alignment
2. Introduction to Barre exercises
 - a. Plies in first, second, fourth and fifth positions
 - b. Penché and cambré
 - c. Tendu
 - d. Degagé
 - e. Ronde de jamb
 - f. Fondue
 - g. Developé
 - h. Grand battement
3. Introduction to Centre Work
 - a. Centre barre exercises
 - b. Adagio
 - c. Allergo

- d. Turns
- e. R ev erence

Memorandum

DATE: September 28, 2005

TO: Dr. Annette Holeyfield, Head of Health and Physical Education

FROM: Dr. Donna R. Vocate, Head of Speech, Theatre, & Journalism 

SUBJECT: Ballet Course Proposals

This is to confirm my support for the various ballet course proposals you are making for additional PE Activity Credit courses. There is no conflict with our TH 2301-Introduction to Theatrical Dance and TH 2331-Advanced Theatrical Dance since both are survey courses upon which the proposed coursework would build if student interest warranted additional ballet training. It would also complement our performance oriented Theatre students by helping them develop better control of body movements. Consequently, I have no reservations about your proposals as outlined.



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TO: Dr. Hamm
Faculty Senate
Curriculum Committee

FROM: Ken Futterer, Music Department *KFF*

DATE: September 28, 2005

SUBJECT: Proposed classes: Ballet I, II, & III

It is my pleasure to write a letter in support of the three Ballet classes proposed by Ms. Sery and Department of Health and Physical Education.

Ballet is the foundation of all dance. As an academic discipline ballet can be traced to the ancient Greeks and was codified into our current practices in the Court of Louie the XIV. Unfortunately, ATU has been unable to offer (and staff) this cornerstone art until recently. As such, Ms. Sery's proposals address a long standing need in the Arts curriculum at ATU, and allows Arkansas Tech University to offer a complete educational experience in the Performing Arts.

In addition, I am impressed with the concept of a "Dance Entrepreneurship Program". There are no programs like this in the state and very few programs like this in the nation. In Russellville, there are 4 dance studios (private business') that enroll approximately 500 students. In our immediate surrounding River Valley area (not including Conway, FT. Smith or LR) there are (at last count) 7 more studios. Each of these studios offer potential candidates for a dance program.

One of my classes, MUS 1611 - Music Theatre Workshop, was correctly referenced in Ms. Sery's proposal as an academic offering that could profit from classes of this nature. I would like to point out that MUS 1621, MUS 3611, MUS 3621 would also profit from Ballet.

In summation, Ballet is the 3rd and final leg of a complete Performing Arts Program, and I applaud both Ms. Sery and Department of Health and Physical Education for the willingness to offer this at ATU.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: P 11-10-05 **Graduate Council:** Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) PE 1351

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO YES Cross-listed?
- NO YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/29/05

FACULTY SENATE-PASSED
11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Health and Physical Education Department

Date submitted: September 26, 2005

Request for: Course change ___ Course deletion ___ Course addition X
(Excluding course credit hour changes)

Submitted by: Denise Sery

Approved by: Department Head: *Annette Holyfield*

Dean of School *Alan Sheets 9-30-05*

Reviewed by: Registrar: *Yammy Woods*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: This course offers students beginning level technical and performance training in ballet. Flexibility, strength, body alignment and coordination lay a foundation for the introduction of more advanced aspects of dance artistry including more difficult steps, musicality, mobility and balance.

Number: PE1351

Title for Catalog: Intermediate Ballet IV

*Title for Course Inventory Intermediate Ballet IV

Description: This course offers intermediate-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to more advanced dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

Effective date or term: Fall 2006

Summer I

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course is open to all students who have an interest in ballet. It is a continuation of the fundamentals of ballet training and is necessary for further study in all areas of dance, as well as the other performing arts. The course will serve as another option for all students to fulfill one credit hour of the general education activity requirement.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? The Health and Physical Education Department currently offers Social Dance (PE1121) and Folk and Square Dance (PE1101). Both courses are open to all students. The only course offerings to students for dance as a performing art are two survey classes, Introduction to Theatrical Dance (TH2301) and Advanced Theatrical Dance (TH2331). Ballet classes would build on those classes for students who would like to further their dance education.
- C. Is this course part of any general plan of development within your department? Explain. These classes are being offered as a result of student interest and past requests. If student interest/enrollment warrants additional classes in this area, we do have preliminary drafts of additional coursework. Currently, however, we'll monitor the implementation success of the ballet series of courses.
- D. How often will the course be offered? On demand
- E. How will the course be staffed? Current adjunct faculty with dance expertise will teach the course. No additional faculty will be needed.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.) This course does not affect other departments' offerings, but would dovetail well with and complement the other performing arts classes such as those in Music and Theatre (Acting Theories—TH2703, Opera Workshop—MUS1301, Music Theatre Workshop—MUS1611 & 3611, and Music Theatre Practicum--MUS1621 & 3621).

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Andy Anders	Yes	9/27/05
2. Ken Futterer	Yes	9/28/05
3. Donna Vocate	Yes	9/28/05
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

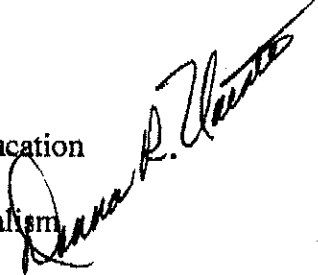
**Updated 9/1/05

- G. This new course will be a service activity course open to all students. It is not a part of the Health and Physical Education Department's Program Assessment Plan.

Memorandum

DATE: September 28, 2005

TO: Dr. Annette Holeyfield, Head of Health and Physical Education

FROM: Dr. Donna R. Vocate, Head of Speech, Theatre, & Journalism 

SUBJECT: Ballet Course Proposals

This is to confirm my support for the various ballet course proposals you are making for additional PE Activity Credit courses. There is no conflict with our TH 2301-Introduction to Theatrical Dance and TH 2331-Advanced Theatrical Dance since both are survey courses upon which the proposed coursework would build if student interest warranted additional ballet training. It would also complement our performance oriented Theatre students by helping them develop better control of body movements. Consequently, I have no reservations about your proposals as outlined.



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TO: Dr. Hamm
Faculty Senate
Curriculum Committee

FROM: Ken Futterer, Music Department *KFF*

DATE: September 28, 2005

SUBJECT: Proposed classes: Ballet I, II, & III

It is my pleasure to write a letter in support of the three Ballet classes proposed by Ms. Sery and Department of Health and Physical Education.

Ballet is the foundation of all dance. As an academic discipline ballet can be traced to the ancient Greeks and was codified into our current practices in the Court of Louie the XIV. Unfortunately, ATU has been unable to offer (and staff) this cornerstone art until recently. As such, Ms. Sery's proposals address a long standing need in the Arts curriculum at ATU, and allows Arkansas Tech University to offer a complete educational experience in the Performing Arts.

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In summation, Ballet is the 3rd and final leg of a complete Performing Arts Program, and I applaud both Ms. Sery and Department of Health and Physical Education for the willingness to offer this at ATU.

COURSE NUMBER: PE1351

COURSE TITLE: Intermediate Ballet IV

INSTRUCTOR: Denise Sery

Office Hours: by appointment

Phone: 968-0344 (PE office, leave a message)

E-mail: denise.sery@mail.atu.edu

CATALOG DESCRIPTION: This course offers intermediate-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to more advanced dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

REQUIRED TEXT: Warren, Gretchen Ward. *Classical Ballet Technique*. University Press of Florida, 1990.

BIBLIOGRAPHY (supplemental reading list): none

JUSTIFICATION/RATIONALE FOR COURSE: Ballet is the foundation for all dance forms and a basis for body knowledge in all other performing arts. This course, therefore, provides an intermediate level knowledge of French terminology and physiological vocabulary necessary for ballet training.

COURSE OBJECTIVES:

The course objectives are:

- Understand and articulate ballet vocabulary
- Perform intermediate level enchaînments at the barre and in the centre
- Train the body to perform intermediate enchaînments and choreography

COURSE CONTENT:

Each lesson will follow the standard format for ballet classes with specific themes for each class:

1. Introduction to body alignment
2. Introduction to Barre exercises
 - a. Plies in first, second, fourth and fifth positions
 - b. Penché and cambré
 - c. Tendu
 - d. Degagé
 - e. Ronde de jamb
 - f. Fondue
 - g. Developé
 - h. Grand battement
3. Introduction to Centre Work
 - a. Centre barre exercises
 - b. Adagio
 - c. Allergo

- d. Turns
- e. R ev erence

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) PE 1361

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE—PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Health and Physical Education Department

Date submitted: September 26, 2005

Request for: Course change ___ Course deletion ___ Course addition ___ X ___
(Excluding course credit hour changes)

Submitted by: Denise Sery

Approved by: Department Head: *Annette Haleyfield*

Dean of School *Glen Sheet 9-30-05*

Reviewed by: Registrar: *Yummy Woods*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: This course offers advanced-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to professional dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

Number: PE1361

Title for Catalog: Advanced Ballet I

*Title for Course Inventory: Advanced Ballet I

Description: This course is a continuation and refinement of the skills achieved in Intermediate Ballet I-IV.

Effective date or term: Fall 2006
Summer I

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course is open to all students who have an interest in ballet. It is a continuation of the fundamentals of ballet training and is necessary for further study in all areas of dance, as well as the other performing arts. The course will serve as another option for all students to fulfill one credit hour of the general education activity requirement.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? The Health and Physical Education Department currently offers Social Dance (PE1121) and Folk and Square Dance (PE1101). Both courses are open to all students. The only course offerings to students for dance as a performing art are two survey classes, Introduction to Theatrical Dance (TH2301) and Advanced Theatrical Dance (TH2331). Ballet classes would build on those classes for students who would like to further their dance education.
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List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Andy Anders	Yes	9/27/05
2. Ken Futterer	Yes	9/28/05
3. Donna Vocate	Yes	9/28/05
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

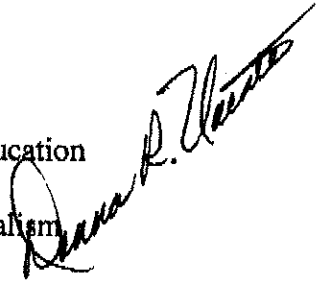
**Updated 9/1/05

- G. This new course will be a service activity course open to all students. It is not a part of the Health and Physical Education Department's Program Assessment Plan.

Memorandum

DATE: September 28, 2005

TO: Dr. Annette Holeyfield, Head of Health and Physical Education

FROM: Dr. Donna R. Vocate, Head of Speech, Theatre, & Journalism 

SUBJECT: Ballet Course Proposals

This is to confirm my support for the various ballet course proposals you are making for additional PE Activity Credit courses. There is no conflict with our TH 2301-Introduction to Theatrical Dance and TH 2331-Advanced Theatrical Dance since both are survey courses upon which the proposed coursework would build if student interest warranted additional ballet training. It would also complement our performance oriented Theatre students by helping them develop better control of body movements. Consequently, I have no reservations about your proposals as outlined.



SCHOOL OF LIBERAL AND FINE ARTS

Department of Music
Witherspoon Building Room 107
407 West Q Street
Russellville, AR 72801-2222

phone: 479-968-0368
fax: 479-968-0467

www.atu.edu

TO: Dr. Hamm
Faculty Senate
Curriculum Committee

FROM: Ken Futterer, Music Department *KFF*

DATE: September 28, 2005

SUBJECT: Proposed classes: Ballet I, II, & III

It is my pleasure to write a letter in support of the three Ballet classes proposed by Ms. Sery and Department of Health and Physical Education.

Ballet is the foundation of all dance. As an academic discipline ballet can be traced to the ancient Greeks and was codified into our current practices in the Court of Louie the XIV. Unfortunately, ATU has been unable to offer (and staff) this cornerstone art until recently. As such, Ms. Sery's proposals address a long standing need in the Arts curriculum at ATU, and allows Arkansas Tech University to offer a complete educational experience in the Performing Arts.

In addition, I am impressed with the concept of a "Dance Entrepreneurship Program". There are no programs like this in the state and very few programs like this in the nation. In Russellville, there are 4 dance studios (private business') that enroll approximately 500 students. In our immediate surrounding River Valley area (not including Conway, FT. Smith or LR) there are (at last count) 7 more studios. Each of these studios offer potential candidates for a dance program.

One of my classes, MUS 1611 - Music Theatre Workshop, was correctly referenced in Ms. Sery's proposal as an academic offering that could profit from classes of this nature. I would like to point out that MUS 1621, MUS 3611, MUS 3621 would also profit from Ballet.

In summation, Ballet is the 3rd and final leg of a complete Performing Arts Program, and I applaud both Ms. Sery and Department of Health and Physical Education for the willingness to offer this at ATU.

COURSE NUMBER: PE1361

COURSE TITLE: Advanced Ballet I

INSTRUCTOR: Denise Sery

Office Hours: by appointment

Phone: 968-0344 (PE office, leave a message)

E-mail: denise.sery@mail.atu.edu

CATALOG DESCRIPTION: This course offers advanced-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to professional dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

REQUIRED TEXT: Warren, Gretchen Ward. *Classical Ballet Technique*. University Press of Florida, 1990.

BIBLIOGRAPHY (supplemental reading list): none

JUSTIFICATION/RATIONALE FOR COURSE: Ballet is the foundation for all dance forms and a basis for body knowledge in all other performing arts. This course, therefore, provides an advanced level knowledge of French terminology and physiological vocabulary necessary for ballet training.

COURSE OBJECTIVES:

The course objectives are:

- Understand and articulate ballet vocabulary
- Perform advanced level enchaînments at the barre and in the centre
- Train the body to perform advanced enchaînments and choreography

COURSE CONTENT:

Each lesson will follow the standard format for ballet classes with specific themes for each class:

1. Introduction to body alignment
2. Introduction to Barre exercises
 - a. Plies in first, second, fourth and fifth positions
 - b. Penché and cambré
 - c. Tendu
 - d. Degagé
 - e. Ronde de jamb
 - f. Fondue
 - g. Developé
 - h. Grand battement
3. Introduction to Centre Work
 - a. Centre barre exercises
 - b. Adagio
 - c. Allergo
 - d. Turns
 - e. Rêvèrence

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) PE 1371

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Health and Physical Education Department

Date submitted: September 26, 2005

Request for: Course change ___ Course deletion ___ Course addition X
(Excluding course credit hour changes)

Submitted by: Denise Sery

Approved by: Department Head: *Annette Holeyfield*

Dean of School *Alan Sheets 9-30-05*

Reviewed by: Registrar: *Gemmy Ruedis*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: This course offers advanced-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to professional dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

Number: PE1371

Title for Catalog: Advanced Ballet II

*Title for Course Inventory: Advanced Ballet II

Description: This course is a continuation and refinement of the skills achieved in Intermediate Ballet I-IV.

Effective date or term: ~~FaH~~ 2006
Summer I

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course is open to all students who have an interest in ballet. It is a continuation of the fundamentals of ballet training and is necessary for further study in all areas of dance, as well as the other performing arts. The course will serve as another option for all students to fulfill one credit hour of the general education activity requirement.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? The Health and Physical Education Department currently offers Social Dance (PE1121) and Folk and Square Dance (PE1101). Both courses are open to all students. The only course offerings to students for dance as a performing art are two survey classes, Introduction to Theatrical Dance (TH2301) and Advanced Theatrical Dance (TH2331). Ballet classes would build on those classes for students who would like to further their dance education.
- C. Is this course part of any general plan of development within your department? Explain. These classes are being offered as a result of student interest and past requests. If student interest/enrollment warrants additional classes in this area, we do have preliminary drafts of additional coursework. Currently, however, we'll monitor the implementation success of the ballet series of courses.
- D. How often will the course be offered? On demand
- E. How will the course be staffed? Current adjunct faculty with dance expertise will teach the course. No additional faculty will be needed.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.) This course does not affect other departments' offerings, but would dovetail well with and complement the other performing arts classes such as those in Music and Theatre (Acting Theories—TH2703, Opera Workshop—MUS1301, Music Theatre Workshop—MUS1611 & 3611, and Music Theatre Practicum--MUS1621 & 3621).

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Andy Anders	Yes	9/27/05
2. Ken Futterer	Yes	9/28/05
3. Donna Vocate	Yes	9/28/05
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

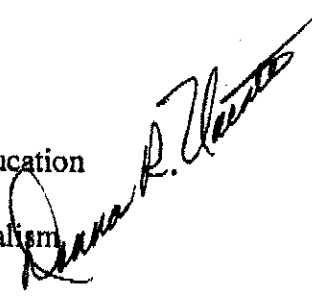
**Updated 9/1/05

- G. This new course will be a service activity course open to all students. It is not a part of the Health and Physical Education Department's Program Assessment Plan.

Memorandum

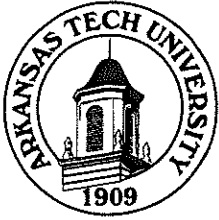
DATE: September 28, 2005

TO: Dr. Annette Holeyfield, Head of Health and Physical Education

FROM: Dr. Donna R. Vocate, Head of Speech, Theatre, & Journalism 

SUBJECT: Ballet Course Proposals

This is to confirm my support for the various ballet course proposals you are making for additional PE Activity Credit courses. There is no conflict with our TH 2301-Introduction to Theatrical Dance and TH 2331-Advanced Theatrical Dance since both are survey courses upon which the proposed coursework would build if student interest warranted additional ballet training. It would also complement our performance oriented Theatre students by helping them develop better control of body movements. Consequently, I have no reservations about your proposals as outlined.



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TO: Dr. Hamm
Faculty Senate
Curriculum Committee

FROM: Ken Futterer, Music Department *KFF*

DATE: September 28, 2005

SUBJECT: Proposed classes: Ballet I, II, & III

It is my pleasure to write a letter in support of the three Ballet classes proposed by Ms. Sery and Department of Health and Physical Education.

Ballet is the foundation of all dance. As an academic discipline ballet can be traced to the ancient Greeks and was codified into our current practices in the Court of Louie the XIV. Unfortunately, ATU has been unable to offer (and staff) this cornerstone art until recently. As such, Ms. Sery's proposals address a long standing need in the Arts curriculum at ATU, and allows Arkansas Tech University to offer a complete educational experience in the Performing Arts.

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In summation, Ballet is the 3rd and final leg of a complete Performing Arts Program, and I applaud both Ms. Sery and Department of Health and Physical Education for the willingness to offer this at ATU.

COURSE NUMBER: PE1371

COURSE TITLE: Advanced Ballet II

INSTRUCTOR: Denise Sery

Office Hours: by appointment

Phone: 968-0344 (PE office, leave a message)

E-mail: denise.sery@mail.atu.edu

CATALOG DESCRIPTION: This course offers advanced-level training in ballet technique and performance for proficient dancers. It stresses the physical and mental skills necessary to make the transition to professional dance work. These include physical stamina, strength, flexibility, articulation, coordination, musicality, and phrasing; an understanding of basic physical concepts underlying clear and efficient movement; the capacity to assimilate new movement material; and an awareness of the center of gravity and its role in the mobilization and control of the body.

REQUIRED TEXT: Warren, Gretchen Ward. *Classical Ballet Technique*. University Press of Florida, 1990.

BIBLIOGRAPHY (supplemental reading list): none

JUSTIFICATION/RATIONALE FOR COURSE: Ballet is the foundation for all dance forms and a basis for body knowledge in all other performing arts. This course, therefore, provides an advanced level knowledge of French terminology and physiological vocabulary necessary for ballet training.

COURSE OBJECTIVES:

The course objectives are:

- Understand and articulate ballet vocabulary
- Perform advanced level enchaînments at the barre and in the centre
- Train the body to perform advanced enchaînments and choreography

COURSE CONTENT:

Each lesson will follow the standard format for ballet classes with specific themes for each class:

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 - a. Plies in first, second, fourth and fifth positions
 - b. Penché and cambré
 - c. Tendu
 - d. Degagé
 - e. Ronde de jamb
 - f. Fondue
 - g. Developé
 - h. Grand battement
3. Introduction to Centre Work
 - a. Centre barre exercises
 - b. Adagio
 - c. Allergo
 - d. Turns
 - e. Rèvèrence

CURR.

COMM

FACULTY SENATE—PASSED

—PASSED

11/18/05

12/8/2005

ATTACHMENT B

CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Social Sciences and Philosophy


Date Submitted: 14 November 2005

Type of Curriculum Change Requested: Program Modification

Submitted By: Dr. H. Micheal Tarver

Approved By: Department Head: 

Dean of School of Education: 

Reviewed By: Registrar: 

Vice-President for Academic Affairs: _____

HIST 4153 (*History of Arkansas*) be replaced with HIST 2153 (*Introduction to Arkansas History*) in the following curricula:

- ✓ Early Childhood Education – Bachelor of Science
- ✓ Middle Level Education – Mathematics and Science Licensure
- ✓ Middle Level Education – English Language Arts/Social Studies Licensure

These changes are simply a replacement of the senior-level Arkansas History class with the newly-approved lower-level Introduction to Arkansas History class. The required 40 hours of upper-division coursework is satisfied.

EARLY CHILDHOOD EDUCATION

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: HIST 2153 Delete: HIST 4153 Total Hours: 15	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: HIST 2153 Delete: HIST 4153 Total Hours: 15	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours	

**MIDDLE LEVEL EDUCATION
MATH/SCIENCE**

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: HIST 2153 Delete: HIST4153 Total Hours: 15-16
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: HIST 2153 Delete: HIST4153 Total Hours: 17-18	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours	

**MIDDLE LEVEL EDUCATION
LANGUAGE ARTS/SOCIAL STUDIES**

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add/Change: HIST 2153 Delete: HIST 4153 Total Hours: 19	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: HIST 2153 Delete: HIST 4153 Total Hours: 12	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours	

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 12/8/05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) BIOL 3174

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code 260101

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount \$10.00 Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 4/12/06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

Student Accounts received information from Budget Office when approved by Board of Trustees.

FACULTY SENATE—PASSED

12/8/2005

SEP 30 2005

CURRICULUM COMM
—PASSED 10/7/05

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of Biological Sciences

Date submitted: September 26, 2005

Request for: **Course addition**

Submitted by: Dr. Bruce L. Tedford, Assistant Professor of Biology

Bruce L. Tedford

Approved by: Department Head:

Charlie Gagn

Dean of School

Al Johnson

Reviewed by: Registrar:

Sammy Koudis

Vice President:

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: BIOL 3174

Title for Catalog: Physiological Ecology

*Title for Course Inventory (24 characters): Physiological Ecology

Description: An in-depth study of plant and animal adaptations and responses to different environmental conditions. Comparative physiology of major systems, mechanisms of adaptation and adaptations to challenging habitats will be studied.

Prerequisites: BIOL 1114, 2124, 2134, and two semesters of chemistry.

Effective date or term: As soon as possible, e.g. ~~Spring 2006~~ *Summer I, 2006*

*Course fees: \$10.00

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course was piloted as Advanced Topics in Biology (BIOL 4884) during the spring semester 2004. We suggest that this course become a permanent 4-credit offering (BIOL 3174) within our program. A strong physiology background better equips biology and fisheries & wildlife students preparing for graduate school or wishing to be more competitive in the job market. Approaching the field of physiology from an ecological perspective takes advantage of interests and abilities

of many of our students. The addition of Physiological Ecology will offer an appropriate alternative to the more human-oriented physiological courses.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

Biology and FW majors are required to complete an upper-level physiology course. The F&W majors take General Physiology (BIOL 3124); whereas biology majors choose between that and Human Physiology (BIOL 3074). The proposed course overlaps with General Physiology, but it covers a wider range of vertebrate and invertebrate taxa and less human/mammalian physiology. Furthermore, physiological adaptations are presented within an ecological context.

C. Is this course part of any general plan of development within your department? Explain.

During assessment committee meetings, BIOL and F&W faculty have expressed a desire to see a broader based physiology offering. Physiological Ecology would provide the opportunity to explore non-mammalian/non-human physiology, so that those students interested in invertebrate zoology, ichthyology, herpetology, and ornithology would have a physiology offering more closely tailored to their interests.

Biology and F&W faculty have also expressed the desire to offer students a wider range of course choices within our core. The addition of this course would provide an additional physiology choice and reduce scheduling conflicts.

D. How often will the course be offered?

This course will be taught each spring semester.

E. How will the course be staffed?

A faculty member (Dr. Tedford) from the Biology program will teach this course.

F. How will this course change affect other departments' students and offerings? With what other departments have you specifically consulted?

This new course is not expected to have any impacts other departments; however, it was considered to be particularly useful for students in the Fisheries and Wildlife Biology Program.

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

9/27/05

I. Dr. Joe Stoeckel, Director
Fisheries and Wildlife Biology Program



***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

Faculty in the BIOL and F&W Program annually assess student achievement by administering an exit exam (Major Field Tests, Educational Testing Service). Additionally, these faculty discuss student classroom performance in physiology as well as other areas. It was concluded that at least some of the students could benefit from additional physiological coursework offerings. After piloting the course, the faculty have decided that it should be offered regularly as a physiology choice in the core. We hope to see many students take advantage of this opportunity and we hope to see improvement in classroom performance in related areas, and in the assessment outcomes.

BIOL 3174 Physiological Ecology

Instructor: Dr. Bruce L. Tedford (968-0362) bruce.tedford@mail.atu.edu

Course Description: BIOL3174 Physiological Ecology. Prerequisites: BIOL1114, 2124, 2134, and two semesters of chemistry. An in-depth study of plant and animal adaptations and responses to different environmental conditions. Comparative physiology of major systems, mechanisms of adaptation and adaptations to challenging habitats will be studied. Lecture 3 hours, laboratory/discussion 2 hours. \$10 laboratory fee.

Lecture Text: Willmer, P *et al.* *Environmental Physiology of Animals* (2nd Ed.). Blackwell Science, Oxford, England, 2005. ISBN 1-4051-0724-3.

Laboratory Manual: Handouts

Course Rationale: This course provides an alternative perspective on physiology and is particularly suited to ecologically students. Animal and selected plant physiology is studied in depth in relation to mechanisms of ecological adaptation.

Course Bibliography:

Bolduc, M.; Lamarre, S. & Rioux, P. 2002. A simple and inexpensive apparatus for measuring fish metabolism. *Adv. Physiol. Educ.* 26: 129-132.

“Course Syllabi and Notes - ESA Physiological Ecology Section.” Ecological Society of America. Physiological Ecology Section webpage.
<http://www.biology.duke.edu/jackson/ecophys/>

Fitter, A.H. & Hay, R.K.M. 2002. *Environmental Physiology of Plants*. (3rd Ed.). Academic Press, New York.

Issartel, J.; Hervant, F.; Voituron, Y; Renault, D. & Vernon, P. 2005. Behavioural, ventilatory and respiratory responses of epigeal and hypogean crustaceans to different temperatures. *Comp. Biochem. Physiol. A* 141: 1-7.

Course Objectives:

1. Describe mechanisms controlling protein action.
2. Describe physiological changes associated with changes in size or scale in animals.
3. Describe the mechanisms for maintaining volumes and concentration of biological solutions within an animal's and plant's body.

4. Explain the processes involved in anabolic and catabolic metabolism of the major classes of organic compounds.
5. List and describe animal adaptations to obtaining, distributing and utilizing O₂ for metabolism, and adaptive mechanisms for dealing with reductions in oxygen availability.
6. Describe the effects of temperature on animals, and the kinds of adaptation they show to withstand or to counter temperature change.
7. Describe the mechanisms responsible for the establishment and maintenance of neural resting potentials, and how action potentials are initiated and propagated.
8. List and describe chemical control of basic physiological functions.
9. Characterize the marine environment(s) and describe the physiological challenges presented by this environment and the physiological strategies which have evolved in response to these challenges.
10. Characterize the freshwater environment(s) and describe the physiological challenges presented by this environment and the physiological strategies which have evolved in response to these challenges.
11. Characterize the terrestrial environment(s) and describe the physiological challenges presented by this environment and the physiological strategies which have evolved in response to these challenges, in animals and plants.
12. Characterize the parasitic environment(s) and describe the physiological challenges presented by this environment and the physiological strategies which have evolved in response to these challenges.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number:

Change course title: _____

Faculty Senate: Approved date: Oct. 13, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Biol 4094

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit 710 times for a maximum of _____ hours.

Fees attached to class? Amount 710 Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): Biol 4091 Correct End date:

Fee attached? 710 Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date 2/13/06 Delete Date 2/13/06 By [Signature]

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE - PASSED 05

10/13/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Biological Sciences

Date Submitted: September 21, 2005

Type of Curriculum Change Requested: **Course credit hour change**

Submitted By: Dr. Eric Lovely, Assistant Professor of Biology

Eric C. Lovely

Approved By: Department Head:

Charlie Fayer

Dean of School:

McColson

9-23-05

Reviewed By: Registrar:

Jammy Kwock

9/26/05

Vice-President for Academic Affairs

I. Catalog description.

A. Title for Catalog: Coastal Ecology BIOL 4094

B. Description: A focused study of coastal ecology, as represented by the Mississippi Gulf Coast. Coastal plants, animals, their interactions, and relationship to the physical environment are explored. The course includes a required field trip to the Gulf Coast. Investigations are conducted in the marshes, bays, estuaries, bogs, and barrier island systems. Students bear the cost of food and a nominal housing fee. Prerequisites BIOL 2124, BIOL 2134, and one semester of chemistry.

II. Course Information.

A. Rationale for the requested change: We suggest changing the Coastal Ecology (BIOL 4091) course from 1 credit to 4 credits. The change in credit hours is justified due to a sufficient increase in the scope and time commitment of the revised course. This change would require a new course number BIOL 4094. The course was taught during the May 2004 and 2005 mini-terms as an Advanced Topics course (BIOL 4884) and this format was very successful. One full week of intensive lectures and labs were conducted prior to the week long field trip to the Gulf Coast. Once returning from the week long field experience, students presented results of their projects. The intensity and time commitment of this variation of the course is consistent with four credits.

We also realize that many biology majors have an interest in marine biology, yet we have not offered specific courses to study biologically diverse marine systems in detail. Biology majors with an interest in marine biology can take this course as an introduction to the ecology of coastal marine environments represented by the Gulf Coast. There is a certain conceptual overlap with the course we offer in general ecology in that both courses offer a foundation in ecological principles. However, this proposed revised course uses marine and coastal examples to illustrate these principles.

Finally, the biology major has four upper level core areas of study; physiology, cell biology, genetics, and ecology. We have already offered alternative course selections in the physiology and

cell biology core areas. The proposed course change would add an alternative in the ecology core area. Below you will find a syllabus to outline the revised scope of the course.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the Department of Biological Sciences the change will increase scheduling flexibility for students interested in an alternative to general ecology and provide an additional avenue for students who wish to pursue both perspectives. It will also ameliorate overcrowding in the general ecology course. No other impacts are anticipated in staffing, budget, or space allocation.
2. Furthermore, no impacts are anticipated outside the Department or on other programs.

C. Effective term: As soon as possible, e.g. May Mini-term 2006

D. Coordination with other departments: Not applicable.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.** Note that this is not a new program. However, the Biology major is submitting a separate proposal to allow this course as an alternative to Principles of Ecology BIOL 3114 which is a required course. Mastery of ecological principles does fit within the assessment program of that major and this alternative was also developed to meet those objectives. The Departmental Assessment Committee will watch for any impact on relevant assessment indicators but this course change is not proposed to remedy any shortcoming in that area and its approval is not contingent on approval of the change to the curriculum (the eight semester matrix will accompany the curriculum change form for the Biology major).

*Updated 8/1/04

**Updated 9/1/05

Coastal Ecology (BIOL 4094) Course Syllabus

Offered during May Mini-Term

Catalog Description: A focused study of coastal ecology, as represented by the Mississippi Gulf Coast. Coastal plants, animals, their interactions, and relationship to the physical environment are explored. The course includes a required field trip to the Gulf Coast. Investigations are conducted in the marshes, bays, estuaries, bogs, and barrier island systems. Students bear the cost of food and a nominal housing fee.

Prerequisites: BIOL 2124, BIOL 2134, and one semester of chemistry

Format: Lecture: 30 hours of lecture prior to field trip. Laboratory: During 6 days in the field students spent 4 hours a day in the field and 3 hours in the laboratory or library.

Instructor: Dr. Eric C. Lovely (room MCE 19, 498-6077, eric.lovely@mail.atu.edu)

Required Texts:

Eugene H. Kaplan, *Peterson Field Guide to Southeastern and Caribbean Seashore*.

Bibliography:

Dring, M.J. *The Biology of Marine Plants*

Hairston, N.G. *Ecological Experiments: Purpose, Design, and Execution*

Klee, G.A. *The Coastal Environment: Toward Integrated Coastal and Marine Sanctuary Management*

Krebs, C.J. *Ecology: The Experimental Analysis of Distribution and Abundance*

Levinton, J.S. *Marine Biology: Function, Biodiversity, and Ecology*

McEdward, L. *Marine Invertebrate Larva*

Nybakken, J.W. *Marine Biology: An Ecological Approach*

Strong, D.R., et. al. *Ecological Communities: Conceptual Issues and the Evidence*

Zar, J.H. *Biostatistical Analysis*

Justification/Rationale: This course provides in depth coverage of coastal ecosystems and hands on field experience. Biology majors with an interest in Marine Biology can take this course for an introduction to the ecology of coastal marine environments represented by the Mississippi Gulf Coast. This course can also be offered as an alternative to the Ecology requirement if the student's advisor agrees it is appropriate for the individual student's academic goals.

Course Objectives: Meeting objectives outlined below will enable students who earn degrees at Arkansas Tech University to better comprehend the basic principles, philosophy, and methodology of science and the influence of science on society. Successful completion of this course will also enhance the listening, reading, and writing skills of students and improve their

SEP 28 2005

competence in reasoning and handling abstract ideas. Specifically, students who complete this course, students should be able to:

- 1) Discuss basic ecological principles and relate them to coastal ecosystems.
- 2) Discuss and recognize a variety of coastal habitats including salt marshes, bays, estuaries, bogs, beaches, and barrier islands.
- 3) Collect, identify, and preserve plants and animals of the Mississippi Gulf Coast.
- 4) Quantify a variety of physical parameters used in describing aquatic and marine environments.
- 5) Conduct field and laboratory experiments studying interactions between organisms and their physical environment.
- 6) Collect and analyze ecological data.
- 7) Read and discuss the primary literature from scientific journals in the field of coastal ecology.
- 8) Present the results of ecological research to the class.

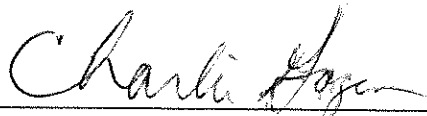
SEP 28 2005

ATTACHMENT C

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.



Department Head



Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee
From: School of Physical and Life Sciences, Biology Department
Date submitted: September 29, 2005
Request for: Course pre-requisite changes
Submitted by: Tsunemi Yamashita, Ph.D., Associate Professor of Biology
Approved by: Department Head Charlie Hays
Dean of School Al Robinson
Reviewed by: Registrar Yammy Ceadis
Vice President _____

I. Catalog description:

Number: Biol 3034

Title: Genetics

Description: Introduction to and discussion of principles of Mendelian, molecular, and population genetics with a strong emphasis on problem solving. Laboratory exercises will involve hands-on techniques with microbes, plants, animals and fungi using traditional and molecular techniques.

Prerequisites: Currently, Biol 1114 and Math 1113. The change would add two semesters of chemistry to the prerequisite list.

Proposed Prerequisites: Biol 1114, Math 1113, and two semesters of chemistry classes.

II. Justification and feasibility of course:

A. Justification for change:

Two semesters of chemistry are considered necessary for students to develop the analytical skills to better understand the concepts discussed in genetics. Because genetics is involved with materials not readily seen to the naked eye (DNA, chromosomes, etc...) and chemistry is an integral part of molecular genetics, most students who have completed a year of chemistry are more capable of understanding the principles investigated in the genetics course.

B. How does it relate to other work being offered by your department?

This course change will not impact any other courses offered by the biology department. Four semesters of chemistry are required for the biology major. This change ensures that students who take genetics have completed a year of chemistry prior to enrolling. In the Fisheries and Wildlife program, two semesters of

chemistry are required. The additional chemistry prerequisites will not markedly affect those majors as well.

- C. Is this course part of any general plan of development within your department?
This change is a part of the ongoing effort to update and revise the curriculum within the department. Prior performance of students who enrolled in the genetics course too early in their career suggested the chemistry addition was necessary.
- D. How often will the course be offered?
The genetics course is offered every semester.
- E. How will the course be staffed?
No changes will be made to the faculty that currently staff the course.
- F. How will this course change affect other departments' students and offerings?
With what other departments have you specifically consulted?
This course will primarily affect majors within the Departments of Biological Sciences. As the genetics course is a 3000 level class, the students who would take the course are mostly third and fourth year students who should have taken a year of chemistry as a part of the biology degree's four semester chemistry requirement prior to entering the genetics course. The additional pre-requisite will help to ensure that all students who enter the class will have a rudimentary knowledge of chemistry needed to fully understand the materials presented in the genetics class. No negative impact upon other colleges and departments are foreseen. No other departments have been consulted with regard to this course.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 12/8/05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) FW 3173

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code 261307

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit No times for a maximum of _____ hours.

Fees attached to class? Amount No Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 4/12/06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE—PASSED

12/8/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of biological Sciences, Fisheries and Wildlife Biology Program

Date submitted: September 26, 2005

Request for: **Course addition**

Submitted by: Dr. John Jackson, Assistant Professor of Fisheries

Approved by: Department Head: *Charlie Jager*
Dean of School: *M. Robinson*

Reviewed by: Registrar: *Gammy Rhodes*
Vice President:

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: FW 3173

Title for Catalog: Biostatistics

*Title for Course Inventory (24 characters): Biostatistics

Description: An analysis and interpretation of fisheries and wildlife data including descriptive statistics, hypothesis testing, analysis of variance, simple linear regression, correlation, goodness of fit, and contingency tables. Prerequisite: one semester of statistics.

Effective date or term: As soon as possible, e.g. ~~Spring 2006~~ *Summer I 2006*

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course was taught successfully twice as Advanced Topics (FW 4883) during spring semesters 2003 and 2004. We suggest that this course become a permanent 3-credit offering (FW 3173) within our program. A strong statistical background is needed for fisheries and wildlife students wishing to be competitive in the job market or graduate school. We currently require our students to take one semester of statistics, but we recognize that this may be inadequate for many of our students. This course will serve as an elective primarily for students from the Fisheries and Wildlife Program who wish to strengthen their statistical abilities.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

Currently we do not offer a statistics-oriented course in our department. However, several courses offered by the department utilize statistical techniques. We have found that many students have difficulty applying basic statistical techniques even after they have completed an introductory course. This new course will provide students with an additional opportunity to practice applying statistical techniques while learning how common challenges in the field of Fisheries and Wildlife are approached. Content of this new course will have some overlap with Advanced Biostatistics (MATH 4173/5173). However, Advanced Biostatistics emphasizes the use of SAS (Statistical Analysis Software) and FW 3173 will focus on hand calculations and EXCEL spreadsheets in the analyses of fisheries and wildlife data sets.

C. Is this course part of any general plan of development within your department? Explain.

During assessment committee meetings, F&W faculty have expressed concern regarding the degree of statistical understanding shown by the average F&W student. Through this course, many students should gain a stronger background in statistical techniques as they pertain to their future professional and/or academic pursuits. Thus, on average, student achievement in this area is expected to improve.

D. How often will the course be offered?

This course will be taught each spring semester.

E. How will the course be staffed?

A faculty member (Dr. Jackson) from the Fisheries and Wildlife Biology Program will teach this course.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. Dr. Joe Stoeckel, Director Fisheries
and Wildlife Biology Program

Joe Stoeckel yes

9/27/05

2. Dr. Don Carnahan, Head
Department of Mathematics

Don Carnahan yes

9/29/0

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

Faculty in the F&W Program annually assess student achievement in aspects of statistical techniques related to F&W biology by administering a written, in-house, exit examination. Additionally, these faculty discuss student classroom performance in this area (as well as others). Two years ago this F&W Assessment Committee concluded that at least some of the students could benefit from additional focused coursework in this area. After piloting the course, the faculty have decided that it should be offered regularly as an elective to augment student practice in and knowledge of these analysis tools. We hope to see many students take advantage of this opportunity and we hope to see improvement in classroom performance in related areas, and in the assessment outcomes.

*Updated 8/1/04

**Updated 9/1/05

BIOSTATISTICS

FW 3173

Course Syllabus

Catalog Description: An analysis and interpretation of fisheries and wildlife data including descriptive statistics, hypothesis testing, analysis of variance, simple linear regression, correlation, goodness of fit, and contingency tables. Prerequisite: one semester of statistics.

Format: Three 50 minute lecture periods each week.

Instructor: Dr. John Jackson
McEver 4
Phone: 964-3226
Email: John.Jackson@atu.edu

Required Text:

Zar, J. H. 1999. Biostatistical analysis, fourth edition. Prentice Hall. New Jersey.

Bibliography:

Glantz, S. A. 2002. A primer of biostatistics, 5th edition. McGraw-Hill.

Gotelli, N. J., and A. M. Ellison. 2004. A primer of ecological statistics. Sinauer Associates, Inc.

Hairston, N.G., and H. J. B. Birks. 1989. Ecological experiments: purpose, design, and execution. Cambridge University Press.

Sokal, R.R., and F. J. Rohlf. 1994. Introduction to biostatistics, 3rd edition. W.H. Freeman.

Steel, R.G., and J. H. Torrie. 1996. Principles and procedures of statistics: a biometrical approach, 3rd edition. McGraw-Hill.

Justification/Rational: This course provides in depth coverage of statistical analysis and interpretation of fisheries and wildlife data. Fish and wildlife and biology majors can take this course to increase their knowledge of statistical approaches utilized to manage fish and wildlife resources and other biological data. Many of the techniques taught in this course will be used in other upper level courses. This course is well suited for students wishing to gain skills that are helpful in a competitive profession or wanting to attend graduate school.

Course Objectives: Students who successfully complete this course should be able to

1. Identify the types of biological data.
2. Differentiate between populations and samples.
3. Design and conduct proper sampling to test hypotheses.
4. Understand the properties of a normal distribution.
5. Calculate and interpret measures of central tendency such as the arithmetic mean, quantiles, and mode.
6. Calculate and interpret measures of dispersion and variability such as range, variance, standard deviation, coefficient of variation, and indices of diversity.
7. Conduct one-sample, two-sample, and paired sample hypotheses tests (parametric and non-parametric).
8. Test hypotheses using analysis of variance models.
9. Discern relations among variables and test hypotheses using simple linear regression and correlation analyses.
10. Test hypotheses using Chi-Square goodness of fit tests and contingency tables.

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE—PASSED

12/8/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Biological Sciences

Date Submitted: October 1, 2005

Type of Curriculum Change Requested: Miscellaneous change

Submitted By: Charlie Gagen, Chair of the Department of Biological Sciences

Approved By: Department Head: *Charlie Gagen*
Dean of School: *M. Robinson*

Reviewed By: Registrar: *Gemmy Kuodis*
Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.

The changes are to allow more flexibility in course content and scheduling where appropriate opportunities exist for Biology majors. Specifically, to allow a new course, FW 3173 Biostatistics, as an alternate to three hours of math above MATH 1113; to allow another new course, BIOL 3174 Physiological Ecology, as an alternate physiology elective; and a revised course, BIOL 4094 Coastal Ecology as an alternate to BIOL 3114 Principles of Ecology for majors in Biology. Wording associated with the proposed changes can be within footnotes associated with the curriculum matrices. Each of these changes (in **BOLD** below) is contingent on approval of respective new or changed course proposals, but this does not require all to be approved. That is any approved course addition or change will be accepted in the curriculum as outlined in this submission if it is approved.

¹See appropriate alternatives or substitutions in "General Education Requirements" on pages ___ in the catalog.

²Six hours of mathematics above MATH 1113 (**courses in the areas of statistics and calculus or statistics and biostatistics (FW 3173) are recommended.**)

³**Coastal Ecology (BIOL 4094) which is offered during the May mini-term can serve as an alternative to BIOL 3114 in the Biology major.**

⁴The physiology choices include: Human Physiology (BIOL 3074), General Physiology (BIOL 3124), **Physiological Ecology (BIOL 3174)**, Endocrinology (BIOL 4014); whereas, choices in the area of cell or molecular biology include: Cell Biology (BIOL 4033), Molecular Genetics (BIOL 4074), Microbiology (BIOL 3054), Immunology (BIOL 4023). One in each area is required. Other alternatives must be approved by your advisor and Department Chair. Each 3-hour selection in one of these areas must be balanced by 4-hours (rather than 3-hours) of biology electives.

⁵Sufficient courses at 3000-4000 level to constitute a total of 40 hours.

II. Course Information

A. Rationale for the requested change. The Department has enough majors and faculty to allow increased diversification of upper-level course offerings without adversely affecting our ability to serve other departments.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change. No impact is anticipated. The changes simply offer alternative perspectives in subject areas where there is enough enrollment that additional sections of the same courses would be the only other viable alternative to serve the growing student enrollment.

2. Outside the department. No impact is anticipated.

C. Effective date or term. Effective with the 2006-2007 catalog.

D. When applicable, state with which departments you have specifically coordinated this change?

We have visited with the Math Department and Fisheries and Wildlife Program to assure minimal adverse impact in the only other administrative units associated with courses mentioned above.

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. Dr. Joe Stoeckel, Director of the Fisheries
and Wildlife Biology Program

yes *Joe Stoeckel* 9-27-05

2. Dr. Don Carnahan, Head
Department of Mathematics

yes *Don Carnahan* 9/29/05

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04
**Updated 9/1/05

New for 06-07

Curriculum in <u>Biology Option NA</u>							
Bachelor of <u>Science</u>							
Degree Completion Plan Beginning in Fall Semester							
Freshman				Sophomore			
Fall		Spring		Fall		Spring	
Engl 1013 ¹	3	Engl 1023 ¹	3	Social Science ¹	3	Social Science ¹	3
Biol 1011	1	Biol 2124 or 2134	4	Biol 2124 or 2134	4	Biol 3034	4
Biol 1114	4	Social Science ¹	3	Chem 2124	4	Chem 2134	4
Math 1113	3	COMS 1003	3	General Elective	3	Biology Elective	4
Social Science ¹	3	Activity ¹	2	Math Elective ²	3		
Total Hours	14	Total Hours	15	Total Hours	17	Total Hours	15
Junior				Senior			
Fall		Spring		Fall		Spring	
Math Elective ²	3	General Elective ⁵	4	Fine Arts/Hum ¹	3	Fine Arts/Hum ¹	3
Phys 2014	4	Phys 2024	4	Physiology or Cell elect. ⁴	3/4	Physiology or Cell elect. ⁴	3/4
Chem 3254	4	Chem 3264	4	Biology Electives ⁵	3/4	Seminar in Biology 4094	1
Biol 3114 ³	4	Biology Electives(3000-4000)	4	General Elective ⁵	6	General Electives ⁵	5
						Biology Electives ⁵	3/4
Total Hours	15	Total Hours	16	Total Hours	16	Total Hours	16
Degree Completion Plan Beginning in Spring Semester							
Freshman				Sophomore			
Spring		Fall		Spring		Fall	
Biol 1114	4	Biol 1011	1	Social Science ¹	3	Social Science ¹	3
Engl 1013	3	Engl 1023	3	Biol 2124 or 2134	4	Biol 3034	4
Math 1113	3	Biol 2124 or 2134	4	Chem 2124	4	Chem 2134	4
Social Science ¹	3	Social Science ¹	3	General Elective	3	Biology Elective	4
Activity ¹	1	Activity ¹	1	Math Elective ²	3		
		COMS 1003	3				
Total Hours	14	Total Hours	15	Total Hours	17	Total Hours	15
Junior				Senior			
Spring		Fall		Spring		Fall	
Math Elective ²	3	General Elective ⁵	4	Fine Arts/Hum ¹	3	Fine Arts/Hum ¹	3
Phys 2024	4	Phys 2014	4	Physiology or Cell elect. ⁴	3/4	Physiology or Cell elect. ⁴	3/4
Chem 3254	4	Chem 3264	4	Biology Electives ⁵	3/4	Seminar in Biology 4094	1
Biol 3114 ³	4	Biology Electives (3000-4000)	4	General Elective ⁵	6	General Electives ⁵	5
						Biology Electives ⁵	3/4
Total Hours	15	Total Hours	16	Total Hours	16	Total Hours	16

¹See appropriate alternatives or substitutions in "General Education Requirements" on page _____ in the catalog.

²Six hours of mathematics above MATH 1113 (courses in the areas of statistics and calculus or statistics and biostatistics (FW 3173) are recommended).

³Coastal Ecology (BIOL 4094) which is offered during the May mini-term can serve as an alternative to BIOL 3114 in the Biology major.

⁴The physiology choices include: Human Physiology (BIOL 3074), General Physiology (BIOL 3124), Physiological Ecology (BIOL 3174), Endocrinology (BIOL 4014); whereas, choices in the area of cell or molecular biology include: Cell Biology (BIOL 4033), Molecular Genetics (BIOL 4074), Microbiology (BIOL 3054), Immunology (BIOL 4023). One in each area is required. Other alternatives must be approved by your advisor and Department Chair. Each 3-hour selection in one of these areas must be balanced by 4-hours (rather than 3-hours) of biology electives.

⁵Sufficient courses at 3000-4000 level to constitute a total of 40 hours.

Existing
for
05-06

Curriculum in <u>Biology Option NA</u> Bachelor of <u>Science</u>							
Degree Completion Plan Beginning in Fall Semester							
Freshman				Sophomore			
Fall		Spring		Fall		Spring	
Engl 1013 ¹	3	Engl 1023 ¹	3	Social Science ¹	3	Social Science ¹	3
Biol 1011	1	Biol 2124 or 2134	4	Biol 2124 or 2134	4	Biol 3034	4
Biol 1114	4	Social Science ¹	3	Chem 2124	4	Chem 2134	4
Math 1113	3	COMS 1003	3	General Elective	3	Biology Elective	4
Social Science ¹	3	Activity ¹	2	Math Elective ²	3		
Total Hours	14	Total Hours	15	Total Hours	17	Total Hours	15
Junior				Senior			
Fall		Spring		Fall		Spring	
Math Elective ²	3	General Elective	4	Fine Arts/Hum ¹	3	Fine Arts/Hum ¹	3
Phys 2014	4	Phys 2024	4	Physiology or Cell elect. ³	3 / 4	Physiology or Cell elect. ³	3 / 4
Chem 3254	4	Chem 3264	4	Biology Electives ⁴	3 / 4	Seminar in Biology	1
Biol 3114	4	Biology Electives(3000-4000)	4	General Elective ⁴	6	General Electives ⁴	5
						Biology Electives ⁴	3 / 4
Total Hours	15	Total Hours	16	Total Hours	16	Total Hours	16
Degree Completion Plan Beginning in Spring Semester							
Freshman				Sophomore			
Spring		Fall		Spring		Fall	
Biol 1114	4	Biol 1011	1	Social Science ¹	3	Social Science ¹	3
Engl 1013	3	Engl 1023	3	Biol 2124 or 2134	4	Biol 3034	4
Math 1113	3	Biol 2124 or 2134	4	Chem 2124	4	Chem 2134	4
Social Science ¹	3	Social Science ¹	3	General Elective	3	Biology Elective	4
Activity ¹	1	Activity ¹	1	Math Elective ²	3		
		COMS 1003	3				
Total Hours	14	Total Hours	15	Total Hours	17	Total Hours	15
Junior				Senior			
Spring		Fall		Spring		Fall	
Math Elective ²	3	General Elective ⁴	4	Fine Arts/Hum ¹	3	Fine Arts/Hum ¹	3
Phys 2024	4	Phys 2014	4	Physiology or Cell elect. ³	3 / 4	Physiology or Cell elect. ³	3 / 4
Chem 3254	4	Chem 3264	4	Biology Electives ⁴	3 / 4	Seminar in Biology	1
Biol 3114	4	Biology Electives (3000-4000)	4	General Elective ⁴	6	General Electives ⁴	5
						Biology Electives ⁴	3 / 4
Total Hours	15	Total Hours	16	Total Hours	16	Total Hours	16

¹See appropriate alternatives or substitutions in "General Education Requirements" on page ____ in the catalog.

²Six hours of mathematics above MATH 1113 (one course each in the areas of statistics and calculus is recommended).

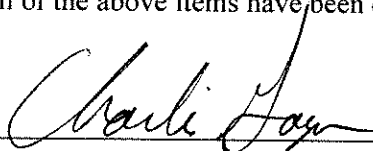
³The physiology choices include: Human Physiology (BIOL 3074), General Physiology (BIOL 3124), Endocrinology (BIOL 4014); whereas, choices in the area of cell or molecular biology include: Cell Biology (BIOL 4033), Molecular Genetics (BIOL 4074), Microbiology (BIOL 3054), Immunology (BIOL 4023). One in each area is required. Other alternatives must be approved by your advisor and Department Chair. Each 3-hour selection in one of these areas must be balanced by 4-hours (rather than 3-hours) of biology electives.

⁴Sufficient courses at 3000-4000 level to constitute a total of 40 hours.

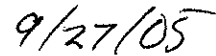
CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.



Department Head



Date

*Added 9/1/05

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee or Graduate Council (as appropriate)


From: (Initiating Department)

Date Submitted: 10-3-05

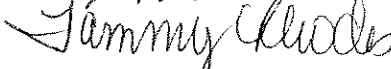
Type of Curriculum Change Requested:
MISCELLANEOUS CHANGE
TO CURRICULUM - Pending approval
of BIOL 3174 and FW 3063 as new
courses.

(*Addition of new program, option, or minor)
(*Program, option, or minor deletion)
(*Program, option, or minor modification)
(Course credit hour change)
(Miscellaneous change)

Submitted By:  Dr. Joe Stoeckel, Program Director, Fisheries and Wildlife

Approved By: Department Head: 

Dean of School: 

Reviewed By: Registrar: 

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

ATTACHED, changes are highlighted in gray. In summary, another option is made available for the physiology requirement in the FW curriculum and another option is made available for the advanced mathematics requirement in the FW curriculum. These changes will allow more flexibility in course content and scheduling where appropriate opportunities exist for FW majors. Proposed changes are contingent upon approval of BIOL 3174 and FW 3063 as new courses.

3173

II. Course Information

- A. Rationale for the requested change.

3173

Addition of FW 3063 Biostatistics will provide an appropriate higher-level mathematics alternative for FW students

Addition of BIOL 3174 Physiological Ecology will provide an appropriate physiology alternative for FW students

- B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

Some FW students will opt to take BIOL 3174 instead of BIOL 3124.

2. Outside the department.

3173

Some FW students will opt to take FW 3063 instead of a calculus course

C. Effective date or term.

Fall 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

3173

NOT APPLICABLE - Courses proposed as alternatives within the FW curriculum (BIOL3174 and FW 3063) have been coordinated with appropriate Department Heads. This change to the FW curriculum affects only FW students.

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1.

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

Outline in specific detail how your proposal will alter the program (include course number and title):

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Biol 3124 or Fine Arts/Hum Delete: Total Hours: 16 17	Junior Spring Semester Add/Change: Biol 3174 Physiological Ecology or Fine Arts/Hum 3173 FW 3063 Biostatistics or a Calculus course (Math 2243) Delete: Total Hours: 14 15
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Biol 3174 Physiological Ecology or Fine Arts/Hum 3173 FW 3063 Biostatistics or a Calculus course (Math 2243) Delete: Total Hours: 14 15	Junior Fall Semester Add/Change: Biol 3124 or Fine Arts/Hum Delete: Total Hours: 16 17
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours	

Curriculum in Fisheries and Wildlife Biology Option NA
Bachelor of Science

Degree Completion Plan Beginning in Fall Semester

Freshman				Sophomore			
Fall		Spring		Fall		Spring	
Engl 1013 ¹	3	Engl 1023 ¹	3	Phys 1114	4	Social Science ¹	3
FW 1001	1	Biol 2124	4	Biol 2134	4	Biol 3114	4
Biol 1114	4	Social Science ¹	3	Organic Chemistry or Taxonomic Elective ²	4	Organic Chemistry or Taxonomic Elective ²	4
Math 1113	3	Chem 1114 (or alternate ²)	4	Statistics or Computer Science ³	3	Statistics or Computer Science ³	3
Social Science ¹	3	Activy ¹	2			Engl 2053	3
Total Hours	14-17	Total Hours	16	Total Hours	15	Total Hours	17

Junior				Senior			
Fall		Spring		Fall		Spring	
FW 3053	3	Social Science ¹	3	FW 4083	3	FW 4003	3
Biol 4044 or FW 4014 ⁴	4	Biol 3004 or FW 4024 ⁴	4	Biol 3034 or FW Elective ⁴	4	Biol 3034 or FW Elective ⁴	4
Biol 3124 or Fine Arts/Hum ⁵	4	Biol 3174 or Fine Arts/Hum ⁵	3	General or FW Electives ⁶	4	General or FW Elective ⁶	4
SPH 2003 (or alternate ²)	3	FW 3174 or a calculus course (Math 2243)	3	FW 4013 or FW 4043	3	Fine Arts/Hum ¹	3
General Elective	3	FW 3001	1	General Elective	2	FW 4001	1
Total Hours	16-17	Total Hours	14-15	Total Hours	16	Total Hours	15

Degree Completion Plan Beginning in Spring Semester

Freshman				Sophomore			
Spring		Fall		Spring		Fall	
Engl 1013 ¹	3	Engl 1023 ¹	3	Social Science ¹	3	Phys 1114	4
Biol 1114	4	Biol 2124	4	Biol 2134	4	Biol 3114 <i>FW</i>	4
Math 1113	3	Social Science ¹	3	Organic Chemistry or Taxonomic Elective ² ✓	4	Organic Chemistry or Taxonomic Elective ² ✓	4
Social Science ¹	3	Chem 1114 (or alternate)	4	Statistics or Computer Science ³	3	Statistics or Computer Science ³ ✓	3
Activy ¹	1	FW 1001	1	Engl 2053	3		
Remedial²	3	Activy ¹	1				
Total Hours	14-17	Total Hours	16	Total Hours	17	Total Hours	15

Junior				Senior			
Spring		Fall		Spring		Fall	
Social Science ¹	3	FW 3053	3	FW 4003	3	FW 4083	3
Biol 3004 or FW 4024 ⁴	4	Biol 4044 or FW 4014 ⁴	4	Biol 3034 or FW Elective ⁴	4	Biol 3034 or FW Elective ⁴	4
Biol 3174 or Fine Arts/Hum ⁵	3	Biol 3124 or Fine Arts/Hum ⁵	4	General or FW Elective ⁶	4	General or FW Elective ⁶	4
FW 3174 or a calculus course (Math 2243)	3	SPH 2003 (or alternate)	3	Fine Arts/Hum ¹	3	FW 4013 or FW 4043	3
FW 3001	1	General Elective	3	FW 4001	1	General Elective	2
Total Hours	14-15	Total Hours	16-17	Total Hours	15	Total Hours	16

¹See appropriate alternatives or substitutions in "General Education Requirements" on page ____ and ____.

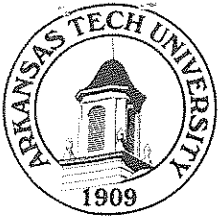
²Must have one taxonomic course and one organic chemistry course. See catalog or advisor for alternatives.

³Must have one statistics course and one computer science course. See catalog or advisor for alternatives.

⁴These alternatives must result in one FW course and one BIOL course within the year.

⁵Must have one physiology and one Fine Arts/Humanities course within the year.

⁶Must result in a total of at least eight hours of FW electives to complete the degree, general electives can fill the balance of 124 hours.



DEPARTMENT OF PHYSICAL SCIENCES

McEver Building Room 34E
1701 North Boulder Avenue
Russellville, AR 72801-2222

phone: 479-968-0293
fax: 479-964-0837

<http://pls.atu.edu/physci>

SEP 26 2005

CURRICULUM COMM
-PASSED 10/7/05

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee
From: Department of Physical Sciences

FACULTY SENATE—PASSED

10/13/2005

Date Submitted: 2005 August 17

Type of Curriculum Change Requested: Course change: Integrate lecture and laboratory course

Submitted By: Dr. Robin Lasey

Approved By: Department Chair: *Jeff W. Ruten*

Dean of School: *R. Colson 9-23-05*

Reviewed By: Registrar: *Yammy Woods 9/26/05*

Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.

Delete CHEM 3341 Biochemistry Laboratory
Delete CHEM 3343 Principles of Biochemistry

Add CHEM 3344 Principles of Biochemistry
Fall. Prerequisite: CHEM 3254. The chemistry of metabolism of carbohydrates, lipids, and proteins. Basic concepts of the biochemistry of DNA, vitamins, enzymes, biological oxidations, and bioenergetics with introduction to biochemical laboratory techniques. Lecture three hours, laboratory three hours. \$10 laboratory fee.

II. Course Information

A. Rationale for the requested change.

The lecture and the lab are integrally related and build on one another. Students should not be allowed to take one without the other. Therefore, they should be one course. The "new" course is simply the combination of the lecture and laboratory.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

N/A

C. Effective date or term. Effective immediately (next catalogue)

Outline in specific detail how your proposal will alter the program (include course number and title): Curriculum in Chemistry (General Option)

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add: CHEM 3344 Change Electives from 4 to 3 Delete: CHEM 3343 Total Hours: 0 15	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add: CHEM 3344 Change Electives from 4 to 3 Delete: CHEM 3343 Total Hours: 0 15
Total Program Hours 124	

**Curriculum in Chemistry: General Option
Bachelor of Science**

Degree Completion Plan Beginning in Fall Semester

Freshman			Sophomore		
Fall	Spring		Fall	Spring	
ENGL 1013	3 ENGL 1023		3 GenEd. Soc. Sci. ¹	6 GenEd. Soc. Sci. ¹	3
MATH 2914	4 MATH 2924		4 PHYS 2014 or 2114	4 PHYS 2024 or 2124	4
CHEM 2124	4 CHEM 2134		4 CHEM 3254	4 CHEM 3264	4
GenEd. Soc. Sci. ¹	3 PE elective ¹		1 COMS 2003 or 2803	3 CHEM 3245	5
PHSC 1001	1 BIOL 1014		4		
PE elective ¹	1				
Total Hours	16 Total Hours		16 Total Hours	17 Total Hours	16

Junior			Senior		
Fall	Spring		Fall	Spring	
GenEd. Fine Arts ¹	3 GenEd. Humanities ¹		3 CHEM 3343	3 Electives ⁴	15
Science eleective ²	3 Electives ⁴		12 CHEM 4414	4	
CHEM 3301	1		CHEM 4401	1	
CHEM 3324	4		CHEM elective ³	3	
Electives ⁴	3		Electives ⁴	4	
Total Hours	14 Total Hours		15 Total Hours	15 Total Hours	15

Degree Completion Plan Beginning in Spring Semester

Freshman			Sophomore		
Spring	Fall		Spring	Fall	
ENGL 1013	3 ENGL 1023		3 GenEd. Soc. Sci. ¹	3 GenEd. Soc. Sci. ¹	6
MATH 2914	4 MATH 2924		4 PHYS 2024 or 2124	4 PHYS 2014 or 2114	4
CHEM 2124	4 CHEM 2134		4 CHEM 3264	4 CHEM 3254	4
GenEd. Soc. Sci. ¹	3 PHSC 1001		1 CHEM 3245	5 COMS 2003 or 2803	3
PE elective ¹	1 BIOL 1014		4		
Total Hours	16 Total Hours		15 Total Hours	16 Total Hours	17

Junior			Senior		
Spring	Fall		Spring	Fall	
GenEd. Humanities ¹	3 GenEd. Fine Arts ¹		3 Electives ⁴	15 CHEM 3343	3
Electives ⁴	12 Science eleective ²		3	CHEM 4414	4
	CHEM 3301		1	CHEM 4401	1
	CHEM 3324		4	CHEM elective ³	3
	Electives ⁴		3	Electives ⁴	4
	PE elective ¹		1		
Total Hours	15 Total Hours		15 Total Hours	15 Total Hours	15

¹See appropriate choices, alternatives or substitutions in "General Education Requirements" on page XX.

²Science electives from BIOL, GEOL, PHYS, PHSC (excluding PHSC 1013 and PHSC 1021), and excluding CHEM.

³Excluding CHEM 1114.

⁴German, Statistics, and Technical Communications are encouraged. (Electives must include sufficient upper-division courses to result in 40 ud hours.)

(ud = upper division, 3000-4000 level)

Outline in specific detail how your proposal will alter the program (include course number and title): Curriculum in Chemistry (A.C.S. Approved Option)

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add: CHEM 3344 Change Electives from 3 to 2 Delete: CHEM 3343 Total Hours: 0 14	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add: CHEM 3344 Change Electives from 3 to 2 Delete: CHEM 3343 Total Hours: 0 14
Total Program Hours 124	

**Curriculum in Chemistry: A.C.S. Approved Option
Bachelor of Science**

Degree Completion Plan Beginning in Fall Semester

Freshman			Sophomore		
Fall	Spring		Fall	Spring	
ENGL 1013	3 ENGL 1023		3 GenEd. Soc. Sci. ¹	3 GenEd. Soc. Sci. ¹	3
MATH 2914	4 MATH 2924		4 PHYS 2014 or 2114	4 PHYS 2024 or 2124	4
CHEM 2124	4 CHEM 2134		4 CHEM 3254	4 CHEM 3264	4
GenEd. Soc. Sci. ¹	3 BIOL 1014		4 COMS 2003 or 2803	3 CHEM 3245	5
PHSC 1001	1		MATH 2934	4	
PE elective ¹	1				
Total Hours	16	Total Hours	15	Total Hours	18
				Total Hours	16

Junior			Senior		
Fall	Spring		Fall	Spring	
GenEd. Fine Arts ¹	3 GenEd. Humanities ¹		3 CHEM 3343	3 CHEM 4424	4
CHEM elective ²	3 GenEd. Soc. Sci. ¹		3 CHEM 4414	4 CHEM 4992-4	2-4
CHEM 3301	1 Electives ³		6 CHEM 4401	1 Electives ³	8-6
CHEM 3324	4 CHEM 3334		4 CHEM 4433	3	
Electives ³	3		Electives ³	3	
PE elective ¹	1				
Total Hours	15	Total Hours	16	Total Hours	14
				Total Hours	14

Degree Completion Plan Beginning in Spring Semester

Freshman			Sophomore		
Spring	Fall		Spring	Fall	
ENGL 1013	3 ENGL 1023		3 CHEM 3264	4 COMS 2003 or 2803	3
MATH 2914	4 MATH 2924		4 CHEM 3245	5 MATH 2934	4
CHEM 2124	4 CHEM 2134		4 CHEM 3254	4 GenEd. Soc. Sci. ¹	6
GenEd. Soc. Sci. ¹	3 BIOL 1014		4 PHYS 2024 or 2124	4 PHYS 2014 or 2114	4
PE elective ¹	1 PHSC 1001		1		
Total Hours	15	Total Hours	16	Total Hours	17
				Total Hours	17

Junior			Senior		
Spring	Fall		Spring	Fall	
CHEM 3334	4 GenEd. Fine Arts ¹		3 CHEM 4424	4 CHEM 3343	3
GenEd. Humanities ¹	3 CHEM elective ²		3 CHEM 4992-4	2-4 CHEM 4414	4
GenEd. Soc. Sci. ¹	3 CHEM 3301		1 Electives ³	8-6 CHEM 4401	1
Electives ³	6 CHEM 3324		4	CHEM 4433	3
	Electives ³		3	Electives ³	3
	PE elective ¹		1		
Total Hours	16	Total Hours	15	Total Hours	14
				Total Hours	14

¹See appropriate choices, alternatives or substitutions in "General Education Requirements" on page XX.

²Excluding CHEM 1114.

³German, Statistics, and Technical Communications are encouraged. (Electives must include sufficient ud courses to result in 40 ud hours.)

(ud = upper division, 3000-4000 level)

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE-PASSED SEP 30 2005
11/10/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee
From: Department of Physical Sciences
Date Submitted: September 30, 2005
Type of Curriculum Change Requested: Modify the Curriculum in Geology (Environmental Option)
Submitted By: Dr. Cathy Baker
Approved By: Department Chair: Dr. Jeff Robertson *JWR*
Dean of School: Dr. Richard Cohoon *RCohoon*
Reviewed By: Registrar: *Jammy Woodis*
Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.
(see page 2 of this Attachment)

Delete AMST 2003, American Studies
Require ECON 2003, Principles of Economics I and GEOG 2013, Regional
Geography of the World

Delete ENGL 2003, Introduction to World Literature, or PHIL 2003, Introduction
to Philosophy
Add 3 hrs of Humanities with footnote 1

Pair together BIOL 3043 and Elective upper division

II. Course Information

A. Rationale for the requested change.
Certain general education courses are specifically desired for students majoring in
the Environmental Geology Option. We wish to list those General Education
courses specifically and leave the rest as true electives rather than list specific
unwarranted courses.
BIOL 3043 is offered in the fall of even years.

B. What impact will the change have on staffing, on other programs, budget, and
space allocation?
No dramatic impact

C. Effective date or term: 2006-07 Catalog

D. ** Outline in specific detail how your proposal will alter the program (include course number and title): Curriculum in Geology (Environmental Option)

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: ECON 2003 ✓ Delete: AMST 2003 ✓ Total Hours: 16
Sophomore Fall Semester Add/Change: GEOG 2013 ✓ Delete: General Education Social Sciences with footnote 1 ✓ Total Hours: 15	Sophomore Spring Semester Add/Change: add footnote 1 to GEOG 2013 or Electives Delete: Total Hours:
Junior Fall Semester Add/Change: BIOL 3043 or Elective ud ✓ Delete: 3 hrs General Education Fine Arts with footnote 1 ✓ Total Hours: 18-17	Junior Spring Semester Add/Change: 3 hrs Humanities with footnote 1 ✓ 3 hrs General Education Fine Arts with footnote 1 ✓ Delete: ENGL 2003 or PHIL 2003 ✓ Elective ud ✓ Total Hours: 14
Senior Fall Semester Add/Change: Elective ud or BIOL 3043 ✓ Delete: BIOL 3043 ✓ Total Hours 16-17	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: GEOG 2013 ✓ Delete: General Education Social Sciences with footnote 1 ✓ Total Hours: 16	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: ECON 2003 ✓ Delete: AMST 2003 ✓ Total Hours: 15	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: 3 hrs General Education Social Sciences with footnote 1 ✓ Delete: Elective ud ✓ Total Hours: 15	Junior Fall Semester 3 hrs Gen Ed Hum ¹ ✓ Add/Change: Elective ud or BIOL 3043 ✓ Delete: ENGL 2003 or PHIL 2003 ✓ BIOL 3043 ✓ General Education Social Sciences with footnote-1 Total Hours: 17-16
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: BIOL 3043 or Elective ud ✓ Delete: 3 hrs General Education Social Sciences with footnote 1 ✓ Total Hours: 15-16
Total Program Hours 124	

OLD

Curriculum in Geology: Environmental Option Bachelor of Science							
Degree Completion Plan Beginning in Fall Semester							
Freshman				Sophomore			
Fall		Spring		Fall		Spring	
ENGL 1013 ¹	3	ENGL 1023 ¹	3	GenEd. Soc. Sci. ¹	3	POLS 2003	3
PHSC 1001	1	COMS 1003	3	ENGL 2053	3	CHEM 2143	3
PHSC 1004 or CHEM 1114	4	AMST 2003	3	CHEM 1114 or PHSC 1004	4	BIOL 1014	4
MATH 1113	3	MATH 2163 or PSY 2053	3	GEOLOGY 3014	4	GEOLOGY 3164	4
GEOLOGY 1014	4	GEOLOGY 2024	4	PE activity ¹	1	GEOLOGY 2111	1
PE activity ¹	1						
Total Hours	16	Total Hours	16	Total Hours	15	Total Hours	15
Junior				Senior			
Fall		Spring		Fall		Spring	
GenEd. Fine Arts ¹	3	ENGL 2003 or PHIL 2003	3	CHEM 3254	4	FW 4034	4
GEOLOGY 3004	4	GEOLOGY 3111	1	GEOLOGY 3083	3	GEOLOGY 4111	1
GEOLOGY 3023	3	Elective ud	3	BIOL 3043	3	Science electives ²	9
GEOLOGY 3044 or GEOLOGY 3153	4-3	Science electives ²	3	GEOLOGY 3153 or GEOLOGY 3044	3-4		
PHYS 2014	4	PHYS 2024	4	GenEd. Soc. Sci. ¹	3		
Total Hours	18-17	Total Hours	14	Total Hours	16-17	Total Hours	14
Degree Completion Plan Beginning in Spring Semester							
Freshman				Sophomore			
Spring		Fall		Spring		Fall	
ENGL 1013 ¹	3	ENGL 1023 ¹	3	ENGL 2053	3	MATH 2163 or PSY 2053	3
COMS 1003	3	PHSC 1001	1	CHEM 2143	3	POLS 2003	3
MATH 1113	3	PHSC 1004	4	GEOLOGY 2111	1	GEOLOGY 3014	4
CHEM 1114	4	BIOL 1014	4	AMST 2003	3	PHYS 2014	4
GenEd. Soc. Sci. ¹	3	GEOLOGY 1014	4	GEOLOGY 2024	4	PE activity ¹	1
				PE activity ¹	1		
Total Hours	16	Total Hours	16	Total Hours	15	Total Hours	15
Junior				Senior			
Spring		Fall		Spring		Fall	
GenEd. Fine Arts ¹	3	ENGL 2003 or PHIL 2003	3	FW 4034	4	GEOLOGY 3083	3
GEOLOGY 3111	1	GEOLOGY 3004	4	GEOLOGY 4111	1	GEOLOGY 3153 or 3044	3-4
GEOLOGY 3164	4	GEOLOGY 3023	3	Science electives ²	6	Science electives ²	6
PHYS 2024	4	GEOLOGY 3044 or 3153	4-3	CHEM 3254	4	GenEd. Soc. Sci. ¹	3
Elective ud	3	BIOL 3043	3				
Total Hours	15	Total Hours	17-16	Total Hours	15	Total Hours	15-16
¹ See appropriate choices, alternatives or substitutions in "General Education Requirements" on pages 3 and 4. ² Electives in Physical or Life Sciences and Mathematics (Geology, Biology, Chemistry, and Math). (ud = upper division, 3000-4000 level)							

New 2006-07

Curriculum in Geology: Environmental Option							
Bachelor of Science							
Degree Completion Plan Beginning in Fall Semester							
Freshman				Sophomore			
Fall		Spring		Fall		Spring	
ENGL 1013 ¹	3	ENGL 1023 ¹	3	GenEd. Soc. Sci. ¹	3	POLS 2003	3
PHSC 1001	1	COMS 1003	3	ENGL 2053	3	CHEM 2143	3
PHSC 1004 or CHEM 1114	4	AMST 2003 <i>ECON 2003</i>	3	CHEM 1114 or PHSC 1004	4	BIOL 1014	4
MATH 1113	3	MATH 2163 or PSY 2053	3	GEOL 3014	4	GEOL 3164	4
GEOL 1014	4	GEOL 2024	4	PE activity ¹	1	GEOL 2111	1
PE activity ¹	1						
Total Hours	16	Total Hours	16	Total Hours	15	Total Hours	15
Junior				Senior			
Fall		Spring		Fall		Spring	
<i>BIOL 3043 or</i> GenEd. Fine Arts ¹ <i>ud Elec</i>	3	ENGL 2003 or PHIL 2003 <i>GenEd Hum</i>	3	CHEM 3254	4	FW 4034	4
GEOL 3004	4	GEOL 3111	1	GEOL 3083	3	GEOL 4111	1
GEOL 3023	3	Elective <i>ud-</i>	3	BIOL 3043 <i>ud Elec or Biol 3043</i>	3	Science electives ²	9
GEOL 3044 or GEOL 3153	4-3	Science electives ²	3	GEOL 3153 or GEOL 3044	3-4		
PHYS 2014	4	PHYS 2024	4	GenEd. Soc. Sci. ¹	3		
Total Hours	18-17	Total Hours	14	Total Hours	16-17	Total Hours	14
Degree Completion Plan Beginning in Spring Semester							
Freshman				Sophomore			
Spring		Fall		Spring		Fall	
ENGL 1013 ¹	3	ENGL 1023 ¹	3	ENGL 2053	3	MATH 2163 or PSY 2053	3
COMS 1003	3	PHSC 1001	1	CHEM 2143	3	POLS 2003	3
MATH 1113	3	PHSC 1004	4	GEOL 2111	1	GEOL 3014	4
CHEM 1114	4	BIOL 1014	4	AMST 2003 <i>ECON 2003</i>	3	PHYS 2014	4
GenEd. Soc. Sci. ¹ <i>Geog 2013</i>	3	GEOL 1014	4	GEOL 2024	4	PE activity ¹	1
				PE activity ¹	1		
Total Hours	16	Total Hours	16	Total Hours	15	Total Hours	15
Junior				Senior			
Spring		Fall		Spring		Fall	
GenEd. Fine Arts ¹	3	ENGL 2003 or PHIL 2003 <i>GenEd Hum</i>	3	FW 4034	4	GEOL 3083	3
GEOL 3111	1	GEOL 3004	4	GEOL 4111	1	GEOL 3153 or 3044	3-4
GEOL 3164	4	GEOL 3023	3	Science electives ²	6	Science electives ²	6
PHYS 2024	4	GEOL 3044 or 3153	4-3	CHEM 3254	4	GenEd. Soc. Sci. ¹	3
Elective <i>ud- GenEd SocSci</i>	3	BIOL 3043 <i>ud Elec or Biol 3043</i>	3			<i>BIOL 3043 or ud Elec</i>	
Total Hours	15	Total Hours	17-16	Total Hours	15	Total Hours	15-16

¹See appropriate choices, alternatives or substitutions in "General Education Requirements" on pages 3 and 4.
²Electives in Physical or Life Sciences and Mathematics (Geology, Biology, Chemistry, and Math).
 (ud = upper division, 3000-4000 level)

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE—PASSED

10/13/2005

SEP 28 2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL


To: Curriculum Committee


From: Department of Physical Sciences

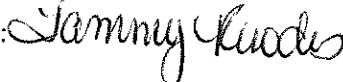
Date Submitted: September 30, 2005

Curriculum Change Requested: Modify the Curriculum in Geology (Professional Option)

Submitted By: Dr. Cathy Baker

Approved By: Department Chair: Dr. Jeff Robertson 

Dean of School: Dr. Richard Cohoon 

Reviewed By: Registrar: 

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

Delete AMST 2003, American Studies
Require GEOG 2013, Regional Geography of the World

Delete ENGL 2003, Introduction to World Literature, or PHIL 2003, Introduction
to Philosophy

Add General Education Humanities with footnote 1

Add footnote 4 to GEOL 3124, Invertebrate Paleontology, or Elective

II. Course Information

- A. Rationale for the requested change.

Certain general education courses are specifically desired for students majoring in the Geology Professional Option. We wish to list those General Education courses specifically and leave the rest as true electives rather than list specific unwarranted courses.

- B. What impact will the change have on staffing, on other programs, budget, and space allocation?

No dramatic impacts on Departments

- C. Effective date or term: 2006-07 Catalog

Outline in specific detail how your proposal will alter the program (include course number and title): Curriculum in Geology (Professional Option)

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: GEOG 2013 Delete: AMST 2003 Total Hours: 17
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: add footnote 4 to GEOL 3124 or Electives Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: General Education Humanities with Footnote 1 Delete: ENGL2003 or PHIL2003 Total Hours: 15 with footnote 3
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: General Education Social Sciences with Footnote 1 Delete: AMST 2003 Total Hours: 15	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours 127	

**Curriculum in Geology: Professional Option
Bachelor of Science**

Degree Completion Plan Beginning in Fall Semester

Freshman				Sophomore				
Fall		Spring		Fall		Spring		
ENGL 1013 ¹	3	ENGL 1023 ¹		3	POLS 2003	3	GenEd. Soc. Sci. ¹	3
PHSC 1001	1	GenEd. Soc. Sci. ¹		3	CHEM 2124	4	CHEM 2134	4
BIOL elective ¹	4	GEOG 2013		3	GEO 2001	1	GEO 3124 or electives	4
MATH 1113	3	MATH 1203		3	GEO 3014	4	GEO 3164	4
GEO 1014	4	GEO 2024		4	Electives	3		
PE activity ¹	1	PE activity ¹		1				
Total Hours	16	Total Hours	17	Total Hours	15	Total Hours	15	15

Junior ³				Senior ³				
Fall		Spring		Fall		Spring		
PHYS 2014	4	PHYS 2024		4	GenEd. Fine Arts ¹	3	GenEd. Humanities ¹	3
GEO 3001	1	Electives or GEO 3124 ⁴		4	GEO 4001	1	Electives or GEO 4023 ⁴	3
GEO 3004	4	GEO 4023 or electives ⁴		3	Electives ud	3	Electives ud	3
GEO 3023	3	MATH/COMS elective ²		4-3	Electives or GEO 3044 ⁴	4		
GEO 3044 or electives ⁴	4	Electives		3-4	Electives	1		
Total Hours	16	Total Hours	18	Total Hours	12	Total Hours	15	15 ³

Degree Completion Plan Beginning in Spring Semester

Freshman				Sophomore				
Spring		Fall		Spring		Fall		
ENGL 1013 ¹	3	ENGL 1023 ¹		3	GenEd. Soc. Sci. ¹	3	GEO 2001	1
BIOL elective ¹	4	GEO 1014		4	GEO 2024	4	GEO 3014	4
CHEM 2124	4	CHEM 2134		4	POLS 2003	3	GenEd. Soc. Sci. ¹	3
MATH 1113	3	MATH 1203		3	Electives	4	PE activity ¹	1
GEOG 2013	3	PHSC 1001		1	PE activity ¹	1	PHYS 2014	4
Total Hours	17	Total Hours	15	Total Hours	15	Total Hours	13	13

Junior ³				Senior ³				
Spring		Fall		Spring		Fall		
PHYS 2024	4	GEO 3001		1	Electives ud	3	GEO 4001	1
GEO 3124 or electives ⁴	4	GEO 3004		4	Electives or GEO 3124 ⁴	4	Electives ud	3
GEO 3164	4	GEO 3023		3	GenEd. Fine Arts ¹	3	GenEd. Humanities ¹	3
GEO 4023 or electives ⁴	3	GEO 3044 or electives ⁴		4	Electives or GEO 4023 ⁴	3	Electives or GEO 3044 ⁴	4
		MATH/COMS elective ²		4-3	Elective	3-4		
Total Hours	15	Total Hours	16-15	Total Hours	16-17	Total Hours	17 ³	17 ³

¹See appropriate choices, alternatives or substitutions in "General Education Requirements" on page XX.

²COMS 1003, COMS 2003, COMS 2803, MATH 2914, or MATH 2163.

³GEO 4006 (6 credit hours of field geology) must be completed during the summer after Junior or Senior year.

⁴ Must complete both the GEO 1014 course and one elective (GEO 1014 course offered in alternating years).

(ud = upper division, 3000-4000 level)

OLD

Curriculum in Geology: Professional Option Bachelor of Science						
Degree Completion Plan Beginning in Fall Semester						
Freshman			Sophomore			
Fall	Spring		Fall	Spring		
ENGL 1013 ¹	3 ENGL 1023 ¹		3 POLS 2003	3 GenEd. Soc. Sci. ¹		3
PHSC 1001	1 GenEd. Soc. Sci. ¹		3 CHEM 2124	4 CHEM 2134		4
GedEd BIOL ¹	4 AMST 2003		3 GEOL 2001	1 GEOL 3124 or electives		4
MATH 1113	3 MATH 1203		3 GEOL 3014	4 GEOL 3164		4
GEOL 1014	4 GEOL 2024		4 Electives	3		
PE activity ¹	1 PE activity ¹		1			
Total Hours	16 Total Hours		17 Total Hours	15 Total Hours		15
Junior ³			Senior ³			
Fall	Spring		Fall	Spring		
PHYS 2014	4 PHYS 2024		4 GenEd. Fine Arts ¹	3 ENGL 2003 or PHIL 2003		3
GEOL 3001	1 Electives or GEOL 3124 ⁴		4 GEOL 4001	1 Electives or GEOL 4023 ⁴		3
GEOL 3004	4 GEOL 4023 or electives ⁴		3 Electives ud	3 Electives ud		3
GEOL 3023	3 MATH/COMS elective ²		4-3 Electives or GEOL 3044 ⁴	4		
GEOL 3044 or electives ⁴	4 Electives		3-4 Electives	1		
Total Hours	16 Total Hours		18 Total Hours	12 Total Hours		15³
Degree Completion Plan Beginning in Spring Semester						
Freshman			Sophomore			
Spring	Fall		Spring	Fall		
ENGL 1013 ¹	3 ENGL 1023 ¹		3 AMST 2003	3 GEOL 2001		1
GedEd BIOL ¹	4 GEOL 1014		4 GEOL 2024	4 GEOL 3014		4
CHEM 2124	4 CHEM 2134		4 POLS 2003	3 GenEd. Soc. Sci. ¹		3
MATH 1113	3 MATH 1203		3 Electives	4 PE elective ¹		1
GEOG 2013	3 PHSC 1001		1 PE activity ¹	1 PHYS 2014		4
Total Hours	17 Total Hours		15 Total Hours	15 Total Hours		13
Junior ³			Senior ³			
Spring	Fall		Spring	Fall		
PHYS 2024	4 GEOL 3001		1 Electives ud	3 GEOL 4001		1
GEOL 3124 or electives ⁴	4 GEOL 3004		4 Electives or GEOL 3124 ⁴	4 Electives ud		3
GEOL 3164	4 GEOL 3023		3 GenEd. Fine Arts ¹	3 GenEd. Humanities ¹		3
GEOL 4023 or electives ⁴	3 GEOL 3044 or electives ⁴		4 Electives or GEOL 4023 ⁴	3 Electives or GEOL 3044 ⁴		4
	MATH/COMS elective ²		4-3 Elective	3-4		
Total Hours	15 Total Hours		16-15 Total Hours	16-17 Total Hours		17³

¹See appropriate choices, alternatives or substitutions in "General Education Requirements" on pages 3 and 4.
²COMS 1003, COMS 1103, MATH 2914, or MATH 2163.
³GEOL 4006 (6 credit hours of field geology) must be completed during the summer after Junior or Senior year.
⁴Must complete both the GEOL class and one elective (GEOL course offered in alternating years).
 (ud = upper division, 3000-4000 level)

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE—PASSED

10/13/2005

SEP 28 2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Physical Sciences

Date Submitted: September 30, 2005

Curriculum Change Requested: Modify the Curriculum in Physical Science (Physics Option)

Submitted By: Dr. Jeff Robertson

Approved By: Department Chair: Dr. Jeff Robertson *JWR*

Dean of School: Dr. Richard Cohoon *RCohoon*

Reviewed By: Registrar: *Tommy Guadalupe*

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 2 of this Attachment)

Delete MATH 1113, College Algebra
Delete MATH 1203, Plane Trigonometry
Require MATH 1914, Precalculus
Reduce Electives from 3 hours to 2 hours

Change Electives from 6 hours to 6-3 hours to balance with PHYS4991-4

Change footnote 3 to read: Seven hours of electives must be from physical sciences, biology, engineering, computer sciences.

Change footnote 4 to read: Must complete both PHYS4113 and 3 hours PHYS Electives (PHYS course offered in alternating years).

- II. Course Information

A. Rationale for the requested change.

Math department course entry requirements have necessitated the math changes. Footnote 3 edited to clarify which field of "science" courses allowed and 4 to clarify alternate year course offerings.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

No dramatic impacts

C. Effective date or term: 2006-07 Catalog

Outline in specific detail how your proposal will alter the program (include course number and title): Curriculum in Physical Science (Physics Option)

Fall Start	
Freshman Fall Semester Add/Change: MATH 1914 Delete: MATH1113 Total Hours: 16	Freshman Spring Semester Add/Change: MATH2914 Delete: MATH 1203 2 hrs Electives with footnote 3 Total Hours: 15
Sophomore Fall Semester Add/Change: MATH 2924 Delete: MATH2914 Total Hours: 17	Sophomore Spring Semester Add/Change: MATH 2934 Delete: MATH 2924 Total Hours: 18
Junior Fall Semester Add/Change: MATH 3243 Delete: MATH 2934 Total Hours: 15	Junior Spring Semester Add/Change: 2 hrs Electives footnote 3 Delete: MATH3243 Total Hours: 15
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: 6-3 hrs Electives UD footnote 2 and 3 Delete: 6 hrs Electives UD footnote 2 and 3 Total Hours: 13
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: MATH 1914 Delete: MATH 1113 Total Hours: 15	Freshman Fall Semester Add/Change: MATH 2914 Delete: MATH 1203 Total Hours: 16
Sophomore Spring Semester Add/Change: MATH 2924 Delete: MATH2914 Total Hours: 17	Sophomore Fall Semester Add/Change: MATH 2934 Delete: MATH 2924 Total Hours: 18
Junior Spring Semester Add/Change: MATH 3243 Delete: MATH 2934 Total Hours: 15	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: MATH 3243 Total Hours: 12	Senior Fall Semester Add/Change: Correct hours of PHYS 4991-4 from 1 hr to 1-4 hrs 6-3 hrs Electives UD footnote 2 and 3 Delete: 6 hrs Electives UD footnote 2 and 3 Total Hours: 16
Total Program Hours 124	

**Curriculum in Physical Science: Physics Option
Bachelor of Science**

Degree Completion Plan Beginning in Fall Semester

Freshman				Sophomore			
Fall		Spring		Fall		Spring	
PE activity ¹	1	PE activity ¹	1	COMS 2003 or 2803	3	BIOL ¹	4
ENGL 1013 ¹	3	ENGL 1023 ¹	3	PHYS 2114	4	PHYS 2124	4
MATH 1914	4	MATH 2914	4	MATH 2924	4	MATH 2934	4
GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3
CHEM 2124	4	CHEM 2134	4	Electives ³	3	Electives ³	3
PHSC 1001	1						
Total Hours	16	Total Hours	15	Total Hours	17	Total Hours	18

Junior				Senior			
Fall		Spring		Fall		Spring	
GenEd. Humanities ¹	3	GenEd. Fine Arts ¹	3	Electives ³	3	PHYS 4991-4	1-4
MATH 3243	3	PHYS ud elective	3	MATH ud electives ²	3	MATH ud electives ²	3
PHYS 3023 or 4013	3	PHYS 3133 or 3213	3	PHYS 4013 or 3023	3	PHYS 3213 or 3133	3
PHYS 4113 or PHYS elec ⁴	3	ELEG 2113	3	PHYS elec or PHYS 4113 ⁴	3	Electives ud ^{2,3}	6-3
ELEG 2103	3	ELEG 2111	1	Electives ud ^{2,3}	3		
		Electives ³	2				
Total Hours	15	Total Hours	15	Total Hours	15	Total Hours	13

Degree Completion Plan Beginning in Spring Semester

Freshman				Sophomore			
Spring		Fall		Spring		Fall	
PE activity ¹	1	PE activity ¹	1	COMS 2003 or 2803	3	BIOL ¹	4
ENGL 1013 ¹	3	ENGL 1023 ¹	3	PHYS 2124	4	PHYS 2114	4
MATH 1914	4	MATH 2914	4	MATH 2924	4	MATH 2934	4
GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3
CHEM 2124	4	CHEM 2134	4	Electives ³	3	Electives ³	3
		PHSC 1001	1				
Total Hours	15	Total Hours	16	Total Hours	17	Total Hours	18

Junior				Senior			
Spring		Fall		Spring		Fall	
GenEd. Humanities ¹	3	GenEd. Fine Arts ¹	3	Electives ³	3	PHYS 4991	1-4
MATH 3243	3	Electives ³	2	MATH ud electives ²	3	MATH ud electives ²	3
PHYS 3133 or 3213	3	PHYS 3023 or 4013	3	PHYS 3213 or 3133	3	PHYS 4013 or 3023	3
ELEG 2103	3	PHYS 4113 or PHYS elec ⁴	3	Electives ud ^{2,3}	3	PHYS elec or PHYS 4113 ⁴	3
PHYS ud elective	3	ELEG 2113	3			Electives ud ^{2,3}	6-3
		ELEG 2111	1				
Total Hours	15	Total Hours	15	Total Hours	12	Total Hours	16

¹See appropriate choices, alternatives or substitutions in "General Education Requirements" on pages XX.

²Excluding MATH 3003, MATH 3033, and MATH 4113.

³Seven hours of electives must be from physical sciences, biology, engineering, or computer science.

⁴ Must complete both PHYS4113 and 3 hours PHYS Electives (PHYS course offered in alternating years).

(ud = upper division, 3000-4000 level)

OLD

Curriculum in Physical Science: Physics Option							
Bachelor of Science							
Degree Completion Plan Beginning in Fall Semester							
Freshman			Sophomore				
Fall	Spring	Fall	Spring	Fall	Spring		
PE activity ¹	1	PE activity ¹	1	COMS 2003 or 2803	3	BIOL ¹	4
ENGL 1013 ¹	3	ENGL 1023 ¹	3	PHYS 2114	4	PHYS 2124	4
MATH 1113	4	MATH 1203	3	MATH 2914	4	MATH 2924	4
GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3
CHEM 2124	4	CHEM 2134	4	Electives ³	3	Electives ³	3
PHSC 1001	1	Electives ³	2				
Total Hours	16	Total Hours	16	Total Hours	17	Total Hours	18
Junior			Senior				
Fall	Spring	Fall	Spring	Fall	Spring		
GenEd. Humanities ¹	3	GenEd. Fine Arts ¹	3	Electives ³	3	PHYS 4991-4	1-4
MATH 2934	4	PHYS ud elective	3	MATH ud electives ²	3	MATH ud electives ²	3
PHYS 3023 or 4013	3	PHYS 3133 or 3213	3	PHYS 4013 or 3023	3	PHYS 3213 or 3133	3
PHYS 4113 or PHYS elec ⁴	3	ELEG 2113	3	PHYS elec or PHYS 4113 ⁴	3	Electives ud ^{2,3}	6
ELEG 2103	3	ELEG 2111	1	Electives ud ^{2,3}	3		
		MATH 3243	3				
Total Hours	16	Total Hours	16	Total Hours	15	Total Hours	13-16
Degree Completion Plan Beginning in Spring Semester							
Freshman			Sophomore				
Spring	Fall	Spring	Fall	Spring	Fall		
PE activity ¹	1	PE activity ¹	1	COMS 2003 or 2803	3	BIOL ¹	4
ENGL 1013 ¹	3	ENGL 1023 ¹	3	PHYS 2124	4	PHYS 2114	4
MATH 1113	4	MATH 1203	3	MATH 2914	4	MATH 2924	4
GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3	GenEd. Soc. Sci. ¹	3
CHEM 2124	4	CHEM 2134	4	Electives ³	3	Electives ³	3
		PHSC 1001	1				
Total Hours	15	Total Hours	15	Total Hours	17	Total Hours	18
Junior			Senior				
Spring	Fall	Spring	Fall	Spring	Fall		
GenEd. Humanities ¹	3	GenEd. Fine Arts ¹	3	Electives ³	3	PHYS 4991-4	1
MATH 2934	4	Electives ³	2	MATH ud electives ²	3	MATH ud electives ²	3
PHYS 3133 or 3213	3	PHYS 3023 or 4013	3	PHYS 3213 or 3133	3	PHYS 4013 or 3023	3
ELEG 2103	3	PHYS 4113 or PHYS elec ⁴	3	Electives ud ^{2,3}	3	PHYS elec or PHYS 4113 ⁴	3
PHYS ud elective	3	ELEG 2113	3	MATH 3243	3	Electives ud ^{2,3}	6
		ELEG 2111	1				
Total Hours	16	Total Hours	15	Total Hours	15	Total Hours	16-19

¹See appropriate choices, alternatives or substitutions in "General Education Requirements" on pages 3 and 4.
²Excluding MATH 3003, MATH 3033, and MATH 4113.
³Seven hours of electives must be from physics, biology, engineering, computer science, chemistry or geology.
⁴Must complete both the PHYS class and one ud PHYS elective (PHYS course offered in alternating years).
(ud = upper division, 3000-4000 level)

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE—PASSED SEP 28 2005
10/13/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Physical Sciences

Date Submitted: September 30, 2005

Curriculum Change Requested: Modify the Curriculum Physical Science (Nuclear Physics Option)

Submitted By: Dr. Jeff Robertson

Approved By: Department Chair: Dr. Jeff Robertson

Dean of School: Dr. Richard Cohoon

Reviewed By:

Registrar: Jammy Woods

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 2 of this Attachment)

Add ELEG 2103, ELEG 2111, ELEG 2113
Replace PHYS 4991, Special Problems with PHYS 4991-4
Adjust Electives accordingly

- II. Course Information

- A. Rationale for the requested change.

Electrical engineering courses are prerequisites for engineering courses currently included in the degree program so we list these explicitly.

Inclusion of Special Problems range from 1-4 hours to match our other programs.

- B. What impact will the change have on staffing, on other programs, budget, and space allocation?

No dramatic impact

- C. Effective date or term: 2006-07 Catalog

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Physical Sciences

Date Submitted: September 30, 2005

Type of Curriculum Change Requested: Modify the Curriculum Physical Science (Nuclear Physics Option)

Submitted By:

Approved By: Department Head:

Dean of School:

Reviewed By: Registrar:

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

Add ELEG 2103, ELEG 2111, ELEG 2113
Replace PHYS 4991, Special Problems with PHYS 4991-4
Adjust Electives accordingly

- II. Course Information

- A. Rationale for the requested change.

- B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

2. Outside the department.

- C. Effective date or term: 2006-07 Catalog

- D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

Outline in specific detail how your proposal will alter the program (include course number and title):

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: ELEG 2103 Delete: PHYS 3143 or ELEG 3103 One hr UD Elective Total Hours: 15	Junior Spring Semester Add/Change: ELEG 2111 and ELEG 2113 Delete: 4 hrs Elective Total Hours: 16
Senior Fall Semester Add/Change: PHYS 3143 or ELEG 3103 Delete: 3 hrs Electives Total Hours: 15	Senior Spring Semester Add/Change: PHYS 4991-4 6-3 hrs PHYS UD Electives Delete: 3 hrs Electives Total Hours: 16
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: ELEG 2103 Delete: GEOL 3103 or PHYS 3143 One hr UD Elective Total Hours: 15	Junior Fall Semester Add/Change: ELEG 2111 and ELEG 2113 Delete: 4 hrs Electives Total Hours: 16
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: PHYS 4991-4 ELEG 3103 or PHYS 3143 6-3 hrs PHYS UD Elective Delete: PHYS 4991 2 hrs PHYS UD Elective Total Hours: 16
Total Program Hours 124	



DEPARTMENT OF PHYSICAL SCIENCES

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<http://pls.atu.edu/physci>

CURRICULUM COMM
— PASSED 10/28/05

SEP 26 2005

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of Physical Sciences

Date submitted: August 30, 2005

Request for: Course change

Submitted by: Dr. Mostafa Hemmati and Dr. Wilson Gonzalez-Espada

Approved by: Department Chair: *JWR*
Dean of School: *McMahon*

Reviewed by: Registrar: *Sammy Rhodes* 9-23-05
Vice President: 9/26/05

Change Requested: Remove corequisite MATH 3243 from the description of PHYS 3213

Rationale: PHYS 3213 (Modern Physics) is an established class for physics majors but a new requirement for students majoring in Physical and Earth Science for Teacher Licensure. However, as is, these students will have to take extra math classes MATH 2934 and MATH 3243 in addition to their program requirements before taking PHYS 3213. The course instructor states that MATH 2914 and 2924 provide sufficient background to take Modern Physics after completing PHYS 2124. Students majoring in Physics take MATH 2934 and MATH 3243 as part of their course requirements so they will not be affected.

- I. New Catalog description:
PHYS 3213 Modern Physics
Spring, odd years. Prerequisite: PHYS 2124. Introduction to relativity, wave-particle interactions, atomic structure, quantum mechanics, quantum theory of the hydrogen atom, statistical mechanics, nuclear structure, and elementary particles. Lecture 3 hours.

Number: PHYS 3213

Title for Catalog: Modern Physics

Effective date or term: Next catalogue

FACULTY SENATE—PASSED

11/10/2005

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Physical Sciences

Date Submitted: September 30, 2005

Type of Curriculum Change Requested: Modify the Curriculum Physical Science and Earth Science for Teacher Licensure

Submitted By: Dr. Wilson Gonzalez-Espada

Approved By: Department Chair: Dr. Jeff Robertson *JWR*

Dean of School: Dr. Richard Cohoon *RCohoon*

Reviewed By: Registrar: *Jammy Lewis*

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 2 of this Attachment)

Delete MATH 1113, College Algebra

Add MATH 1914, Precalculus

Delete one hour PE Activity

- II. Course Information

- A. Rationale for the requested change.

Math courses required for degree and math department course entry requirements have necessitated the math changes. State core education requirements require only 2 hours PE activity.

- B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

none

2. Outside the department.

Slight increase in MATH 1914 enrollment with decline in MATH 1113

- C. Effective date or term: 2006-07 Catalog

Date: Tue, 11 Oct 2005 11:09:52 -0500
From: Jeff Robertson <jeff.robertson@atu.edu>
User-Agent: Mozilla Thunderbird 1.0.6 (Windows/20050716)
X-Accept-Language: en-us, en
To: tammy.rhodes@atu.edu
Subject: [Fwd: RE: MATH 1914]
X-RCPT-TO: <tammy.rhodes@atu.edu>
X-IMail-ThreadID: e3d401a40000bd19

----- Original Message -----

Subject: RE: MATH 1914
Date: Tue, 11 Oct 2005 09:45:05 -0500
From: Don Carnahan <don.carnahan@atu.edu>
Reply-To: <don.carnahan@atu.edu>
To: 'Jeff Robertson' <jeff.robertson@atu.edu>

Jeff,

I had noticed the change on the curriculum committee's agenda but I appreciate the notice. I heartily approve.

Don

-----Original Message-----

From: Jeff Robertson [mailto:jeff.robertson@atu.edu]
Sent: Tuesday, October 11, 2005 7:19 AM
To: don.carnahan@atu.edu
Subject: MATH 1914

The degree programs in Life/Earth, Physical/Earth Science for teacher licensure recently beefed up their science and math requirements (e.g. Physical/Earth now requires calculus and calculus based physics). We have a new curriculum proposal that is proposing to change the MATH 1113

requirement to MATH 1914 to better prepare these majors. The curriculum

proposal forms now require departmental notification and approval/disapproval of changes that affect those departments. How's this for notification and further more, would you support this change? If you have any questions please call.

--

Jeff Robertson, Ph.D.
jeff.robertson@atu.edu
<http://cosmos.atu.edu>
Phone: (479) 964-0548
Fax: (479) 964-0837

Arkansas Tech University
Department of Physical Sciences
1701 N. Boulder
Russellville, AR 72801-2222



--

Jeff Robertson, Ph.D.
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<http://cosmos.atu.edu>
Phone: (479) 964-0548
Fax: (479) 964-0837

Arkansas Tech University
Department of Physical Sciences
1701 N. Boulder
Russellville, AR 72801-2222



Outline in specific detail how your proposal will alter the program (include course number and title): Curriculum in Physical and Earth Science for Teacher Liscensure

Fall Start	
Freshman Fall Semester Add/Change: MATH 1914 Delete: MATH 1113 One hr PE Activity Total Hours: 16	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: MATH 1914 Delete: MATH 1113 One hr PE Activity Total Hours: 15	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours 124	

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

OLD

Curriculum in Physical Science and Earth Science for Teacher Licensure ²								
Bachelor of Science								
Degree Completion Plan Beginning in Fall Semester								
Freshman				Sophomore				
Fall	Spring			Fall	Spring			
PHSC 1001	1	BIOL 1114		4	MATH 2924	4	GEOL 2024	4
ENGL 1013 ¹	3	ENGL 1023 ¹		3	PHYS 2114	4	PHYS 2124	4
MATH 1113	3	MATH 2914		4	CHEM 3254	4	CHEM 2143	3
CHEM 2124	4	CHEM 2134		4	SEED 2002	2	SPH 3083	3
PE activity ¹	1	PE activity ¹		1	HIST 2003 or 2013	3	PE activity ¹	1
GEOL 1014	4							
Total Hours	16	Total Hours	16	Total Hours	17	Total Hours	15	
Junior				Senior				
Fall	Spring			Fall	Spring			
PHYS 3042	2	PHYS 3213		3	SEED 3554	4	SEED 4909	9
PHSC 3053	3	PHSC 3033		3	SEED 4556	6	SEED 4503	3
GEOL 3153	3	COMS 2003 or 2083		3	PHSC 3233	3	PHSC 4701	1
GenEd. Fine Arts ¹	3	GenEd. Humanities ¹		3	ANTH 2003	3		
GenEd. Soc. Sci. ¹	3	SEED 3702		2				
POLS 2003	3	PHSC 3252		2				
Total Hours	17	Total Hours	16	Total Hours	16	Total Hours	13	
Degree Completion Plan Beginning in Spring Semester								
Freshman				Sophomore				
Spring	Fall			Spring	Fall			
ENGL 1013 ¹	3	GEOL 1014		4	SEED 2002	2	PHYS 2114	4
MATH 1113	3	ENGL 1023 ¹		3	CHEM 2134	4	CHEM 3254	4
GenEd. Soc. Sci. ¹	3	MATH 2914		4	MATH 2924	4	SPH 3083	3
PE activity ¹	2	CHEM 2124		4	COMS 2003 or 2083	3	HIST 2003 or 2013	3
BIOL 1114	4	PHSC 1001		1	GEOL 2024	4	SEED 3702	2
Total Hours	15	Total Hours	16	Total Hours	17	Total Hours	16	
Junior				Senior				
Spring	Fall			Spring	Fall			
PHYS 2124	4	PHSC 3053		3	PHYS 3213	3	SEED 4909	9
CHEM 2143	3	PHYS 3042		2	PHSC 3033	3	SEED 4503	3
ANTH 2003	3	PHSC 3233		3	SEED 3554	4	PHSC 4701	1
PHSC 3252	2	GenEd. Humanities ¹		3	SEED 4556	6	PE activity ¹	1
GenEd. Fine Arts ¹	3	POLS 2003		3				
PE activity ¹	1	GEOL 3153		3				
Total Hours	16	Total Hours	17	Total Hours	16	Total Hours	14	
¹ See appropriate choices, alternatives or substitutions in "General Education Requirements" on pages 3 and 4. ² For Licensure, students must achieve the minimum score on the Praxis Programs Specialty Area and Principles of Learning Teaching Tests as determined by the Arkansas Department of Higher Education.								

OLD

New

Curriculum in Physical Science and Earth Science for Teacher Licensure ²								
Bachelor of Science								
Degree Completion Plan Beginning in Fall Semester								
Freshman				Sophomore				
Fall		Spring		Fall		Spring		
PHSC 1001	1	BIOL 1114		4	MATH 2924	4	GEOL 2024	4
ENGL 1013 ¹	3	ENGL 1023 ¹		3	PHYS 2114	4	PHYS 2124	4
MATH 4443 1914	4	MATH 2914		4	CHEM 3254	4	CHEM 2143	3
CHEM 2124	4	CHEM 2134		4	SEED 2002	2	SPH 3083	3
PE activity ¹	1	PE activity ¹		1	HIST 2003 or 2013	3	PE activity ¹	1
GEOL 1014	4							
Total Hours	16	Total Hours	16	Total Hours	17	Total Hours	15	
Junior				Senior				
Fall		Spring		Fall		Spring		
PHYS 3042	2	PHYS 3213		3	SEED 3554	4	SEED 4909	9
PHSC 3053	3	PHSC 3033		3	SEED 4556	6	SEED 4503	3
GEOL 3153	3	COMS 2003 or 2083		3	PHSC 3233	3	PHSC 4701	1
GenEd. Fine Arts ¹	3	GenEd. Humanities ¹		3	ANTH 2003	3		
GenEd. Soc. Sci. ¹	3	SEED 3702		2				
POLS 2003	3	PHSC 3252		2				
Total Hours	17	Total Hours	16	Total Hours	16	Total Hours	13	
Degree Completion Plan Beginning in Spring Semester								
Freshman				Sophomore				
Spring		Fall		Spring		Fall		
ENGL 1013 ¹	3	GEOL 1014		4	SEED 2002	2	PHYS 2114	4
MATH 4443 1914	4	ENGL 1023 ¹		3	CHEM 2134	4	CHEM 3254	4
GenEd. Soc. Sci. ¹	3	MATH 2914		4	MATH 2924	4	SPH 3083	3
PE activity ¹	1	CHEM 2134		4	COMS 2003 or 2083	3	HIST 2003 or 2013	3
BIOL 1114	4	PHSC 1001		1	GEOL 2024	4	SEED 3702	2
Total Hours	15	Total Hours	16	Total Hours	17	Total Hours	16	
Junior				Senior				
Spring		Fall		Spring		Fall		
PHYS 2124	4	PHSC 3053		3	PHYS 3213	3	SEED 4909	9
CHEM 2143	3	PHYS 3042		2	PHSC 3033	3	SEED 4503	3
ANTH 2003	3	PHSC 3233		3	SEED 3554	4	PHSC 4701	1
PHSC 3252	2	GenEd. Humanities ¹		3	SEED 4556	6	PE activity	1
GenEd. Fine Arts ¹	3	POLS 2003		3				
PE activity ¹	1	GEOL 3153		3				
Total Hours	16	Total Hours	17	Total Hours	16	Total Hours	14	
¹ See appropriate choices, alternatives or substitutions in "General Education Requirements" on pages 3 and 4. ² For licensure, students must achieve the minimum score on the Praxis Programs Specialty Area and Principles of Learning Teaching Tests as determined by the Arkansas Department of Higher Education.								

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE-PASSED OCT 12 2005
11/10/2005

CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Physical Sciences

Date Submitted: October 10, 2005

Curriculum Change Requested: Withdraw current Pre-pharmacy curriculum proposal and replace with this revision.

Submitted By: Dr. Robin Lasey *Robin Lasey*

Approved By: Department Chair: Dr. Jeff Robertson *JWR*

Dean of School: Dr. Richard Cohoon *RCohoon*

Reviewed By: Registrar: Tammy Rhodes *Tammy Rhodes*

Vice-President for Academic Affairs: Dr. Jack Hamm

- I. Program or curriculum change as it will appear in the catalog.
Delete current catalogue entry under Pre-pharmacy and replace with the following...

Pre-pharmacy is not a major; it is a set of classes that satisfy the requirements for admittance to a Pharm. D program. The pre-pharmacy requirements can be completed in two years. However, it is highly recommended that students also work towards a degree in biology or chemistry. Many of our students have a bachelor of science degree before entering pharmacy school.

Most students plan on attending University of Arkansas for Medical Sciences (UAMS) College of Pharmacy. However, students can apply to other out-of-state pharmacy schools if desired. A word of caution though, some universities do not accept out-of-state applicants. It is strongly encouraged to contact the university to inquire about their requirements and policies.

Curriculum in Pre-Pharmacy

Freshman Year

English Composition I, II (ENGL 1013, 1023) ¹	6
Principles of Biology (BIOL 1114) ²	4
Human Anatomy (BIOL 2014) ²	4
General Chemistry I, II (CHEM 2124, 2134)	8

Calculus I (MATH 2914)	4
Humanities Electives ³	6
Total	32

Sophomore Year

Physical Principles I (PHYS 2014)	4
English/Communications Electives ⁴	3
Organic Chemistry (CHEM 3254, 3264)	8
Principles of Economics (ECON 2003)	3
Critical Thinking Electives ⁵	6
Humanities Electives ³	9
Total	33

¹See appropriate alternatives or substitutions in "General Education Requirements" on page ____.

²BIOL 2014, BIOL 2124, BIOL 3054, or BIOL 3074 can substitute

³Choose from survey courses in art, music, theater, literature, philosophy, religion, foreign language, sign language, psychology, sociology, anthropology, US or world history, political science, ethics, geography

⁴Choose from SPH 1003, SPH 2003, ENGL 2043, ENGL 2053, or any survey of literature course

⁵Choose from ACCT 2003, CHEM 3245, MATH 2163, MATH 2924, PHYS 2024, PHIL 3103, BIOL 3034, BIOL 4033, or CHEM 3344

II. Course Information

A. Rationale for the requested change.

The current curriculum is not in line with UAMS College of Pharmacy admission requirements. The revised curriculum fits these requirements more fully.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

The change should not effect staffing, budget, or space allocation.

C. Effective date or term: 2006-07 Catalog

Effective immediately

D. When applicable, state with which departments you have specifically coordinated this change?

See attached



DEPARTMENT OF PHYSICAL SCIENCES

McEver Building Room 34E
1701 North Boulder Avenue
Russellville, AR 72801-2222

phone: 479-968-0293
fax: 479-964-0837

<http://pls.atu.edu/physci>

MEMORANDUM

2005 October 10

TO: Dr. Donna Vocate, Dr. Carl Brucker, Dr. Pamela Carr
Dr. Kevin Mason, Dr. Richard Cohoon
FROM: Dr. Jeff Robertson
SUBJECT: Pre-pharmacy, Speech, English and Business at ATU

Many students who desire to enter into a pharmacy program at UAMS choose to take their prerequisite courses at ATU. To help serve those students we provide those requirements in our undergraduate catalogue. UAMS has recently made changes to their entrance requirements which have caused us to change the listings in our catalogue.

Speech or Public Speaking (e.g. SPH 1003, SPH 2003), Technical Writing or Creative Writing (ENGL 2043, ENGL 2053) are choices for 3 hours of the prerequisites. UAMS has also changed an Accounting requirement (ACCT 2003) to an Economics one (ECON 2003) and designated accounting as an option among many other courses for 3 hours of critical thinking electives. You may see slight increases in enrollment in these courses from students choosing to attend ATU that are seeking to fulfill the UAMS pre-pharmacy requirements. These requirements can be found at http://www.uams.edu/cop/entry_apps/pdf_files/Atu05.pdf.

Thank you,

Jeff Robertson, Chair, Department of Physical Sciences

From UAMS College of Pharmacy

foreign student and hence a non-resident of the state of Arkansas for purposes of admission. An applicant must submit a copy of their resident alien or permanent resident card with their application and present the original to the Registrar at the time of interview. Please note that residency status at an undergraduate Arkansas institution for purposes of tuition does not imply that the applicant would be considered a resident for purposes of admission to the College of Pharmacy.

Since only the professional courses are taught on the UAMS campus, applicants will first have to meet the requirements for enrollment and be enrolled at an accredited undergraduate institution. Credit for degrees or coursework earned at a foreign institution may be granted by an accredited undergraduate institution. However, no more than six hours of such credit may be applied towards the prepharmacy requirements for admission to the UAMS College of Pharmacy. This credit must appear as specific course equivalents on the undergraduate transcript.

Special Student Status

An individual who wishes to take a course for credit but who does not intend to enroll for a degree program may be admitted to the College of Pharmacy by permission and on a space available basis. Admission as a special student does not require the submission of transcripts but the student must be in good standing at the college of last attendance. If a special student decides to work toward a degree in pharmacy, the individual must satisfy all entrance requirements and apply for admission in the manner required for all regular applicants.

Prepharmacy Requirements

English/Communication Area -- 9 Semester Hours

Choose from: English Comp I and II, Speech, Public Speaking, Technical or Creative Writing or any survey of literature course

Mathematics -- 3 to 5 Semester Hours

Calculus I (not survey, business or precalculus)

Chemistry -- 16 Semester Hours

College Chemistry I and lab (3 hrs lecture, 1 hr lab)
College Chemistry II and lab (3 hrs lecture, 1 hr lab)
Organic Chemistry I and lab (3 hrs lecture, 1 hr lab)
Organic Chemistry II and lab (3 hrs lecture, 1 hr lab)
all courses for chemistry majors

Biology -- 8 Semester Hours

Choose from: General Biology I and II, Microbiology, Zoology. All must be courses for biology majors and have 3 hours lecture and 1 hour lab. For a specific list of other courses that meet this requirement for your school, please contact the College of Pharmacy.

Physics -- 4 Semester Hours

General Physics I (3 hrs lecture, 1 hr lab)

Economics -- 3 Semester Hours

Choose from: Macroeconomics, Microeconomics or a basic survey of economics course

Critical Thinking/Problem Solving -- 2 classes, minimum of 6 Semester Hours

Choose from: Calculus II (not business or survey), Physics II (3 hrs lecture, 1 hr lab), Logic, Quantitative Analysis, Statistics (math or statistics department), Accounting, Cell Biology (including lab if offered) and Genetics (including lab if offered)

Humanities Electives -- to total 65 Semester Hours

Choose from: Survey courses in Art, Music, Theater, Literature, Philosophy, Religion, Foreign or Sign Language, Psychology, Sociology, Anthropology, Geography, US or World History, Political Science or Ethics.

No course can be used to satisfy the requirements in more than one area. No more than six hours of CLEP or credit by examination which must appear as credit on the transcript will be accepted to meet the prepharmacy requirements. University declared exemptions from certain courses, e.g. English Comp I and/or II, or other courses which may be prepharmacy requirements, do not mean the UAMS College of Pharmacy prepharmacy requirement has been satisfied. Admission to the College of Pharmacy requires sixty-five hours of specific transfer credits and unless credits in semester hours are given on a transcript, students will still have to meet the prepharmacy requirements of transferable hours for admission to the College of Pharmacy.

Courses which do not meet the Humanities Elective requirements are courses in: Health, Physical Education, Business, Science, Military Science, Education, Studio courses in Art, Music or Theater, Computer Science, Agriculture or any remedial course.

This is a general guide only — the specific course numbers which meet these requirements vary from school to school. For a specific list of the courses which meet the prepharmacy requirements at your school, please contact your prepharmacy advisor or the Registrar's office at the UAMS College of Pharmacy (501-686-5557).

Degree Programs

Doctor of Pharmacy Degree

Six academic years of college work are required to fulfill the requirements for the Doctor of Pharmacy degree. The first two years of college encompassing the prepharmacy courses may be taken at any accredited college or university. A prepharmacy advisor is available on the campus of each of the major four year colleges in the state to assist in planning the prepharmacy program.

The last four years of the curriculum include the professional courses offered in the College of Pharmacy at the University of Arkansas for Medical Sciences in Little Rock. A student's admission to the College of Pharmacy will be con-

* University of Arkansas for Medical Sciences -- College of Pharmacy
 Courses Satisfying Prepharmacy Requirements

ARKANSAS TECH UNIVERSITY, RUSSELLVILLE

2005-2006 CATALOG

AREA/SEM HRS REQUIRED	COURSES
Mathematics (3-6 hrs required)	Math 2914 Calculus I
English/Communication 9 hrs required	Choose from: Eng 1013/1023 Composition I and II Eng 1043 or higher, any course Spch 1003 Intro Speech Commun
Chemistry 16 hrs required, 12 hrs lecture, 4 hrs lab	Chem 2124 General Chemistry I and lab Chem 2134 General Chemistry II and lab Chem 3254 Fund. Organic Chemistry and lab Chem 3264 Mech. Organic Chemistry and lab
Biology 8 hrs required, 6 hrs lecture, 2 hrs lab	Choose from: Biol 1114 Prin of Biology and lab Biol 2124 Prin of Zoology and lab Biol 3074 Human Physiology Biol 2014 Human Anatomy and lab Biol 3054 Microbiology and lab
Physics 4 hrs required (3 lecture, 1 lab)	Phys 2014 Physical Principles I and lab
Economics 3 hrs required	Econ 2003 Prin of Economics I
Critical Thinking/Problem Solving/Other Electives 6 hrs required	Choose from: Acct 2003 Accounting Principles Chem 3245 Quantitative Analysis Math 2163 Intro Statistical Methods Math 2924 Calculus II Phys 2024 Physical Principles II and lab Phil 3103 Logic Biol 3034 Genetics or Biol 4033 Cell biology Chem 3343,3341 Biochemistry
Humanities Electives To total 65 hrs	Choose from survey courses in art, music, theater, literature, philosophy, religion, foreign language, sign language, psychology, sociology, anthropology, US or world history, political science, ethics, geography

No course can be used to satisfy the requirements in more than one area. No more than six hours of CLEP or credit by examination, which must appear as credit on the official transcript, will be accepted to meet the prepharmacy requirements. Courses which do not meet the Humanities Elective requirements are courses in: health, physical education, business, science, military science, education, computer courses, agriculture, studio courses in art, music or theater or remedial courses. All chemistry and biology courses must be course for majors in that field. Physics courses do not have to be calculus based. If you have questions about prepharmacy requirements, please contact the prepharmacy advisor on your campus, or the UAMS College of Pharmacy Registrar's office (501-686-6499) or email: orearkathym@uams.edu

* UAMS interpretations of our catalogue:

- C. Is this course part of any general plan of development within your department? Explain.
- D. How often will the course be offered?
- E. How will the course be staffed?
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. Donna Vocate	yes	10/25/05
2. Dr. Carl Brucker	yes	10/25/05
3. Dr. Pam Carr	yes	10/25/05
4. Dr. Kevin Mason	yes	10/25/05
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04
**Updated 9/1/05

Donna Vocate, 12:25 PM 10/25/20, Pre-Pharmacy

From: "Donna Vocate" <donna.vocate@atu.edu>
To: <Tammy.Rhodes@atu.edu>
Subject: Pre-Pharmacy
Date: Tue, 25 Oct 2005 12:25:28 -0500
X-Mailer: Microsoft Office Outlook 11
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2527
Thread-Index: AcXZiRfeulr36Z2jQ2adNdH7VAK2iA==
X-RCPT-TO: <Tammy.Rhodes@atu.edu>
X-IMail-ThreadID: 6a8b068500004e2e

Tammy☐

I have no objection to Jeff Robertson adding SPH 1003 or SPH 2003 as one of the choices for his pre-pharmacy curriculum's 3 hours of prereqs.

Donna

Donna R. Vocate, Ph.D.
Professor and Department Head
Speech, Theatre, & Journalism
Arkansas Tech University
e-mail: donna.vocate@atu.edu
Office: 479-964-0890
Pvt.: 479-964-0889
Fax: 479-964-0899

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Nursing Department

Date Submitted: September 30, 2005

Type of Curriculum Change Requested: Course credit hour change

NUR 3502 to NUR ~~3503~~ 3513

3000-4000 Level Nursing Electives from 2 hours to 1 hour

Submitted By : Melissa Darnell, Assistant Professor

Approved By:

Department Chair: *Rebecca Purvis*

Dean of School:

M. L. Hoover

Reviewed By:

Registrar: *Yammy Ruales*

Vice-President for Academic Affairs:

I. Curriculum change as it will appear in the catalog.
See attachment

II. Course Information

A. Rationale for the requested change.

More content was added to NUR 3502 in order to allow more lecture time for medical-surgical content in NUR 4206.

B. What impact will the change have on staffing on other programs, budget, and space allocation?

None

C. Effective date or term.

Fall 2006

Sumner

Outline in specific detail how your proposal will alter the program (include course number and title):

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: <i>NUR 3562</i> Delete: <i>NUR 3563 3513</i> Total Hours: <i>15</i>	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: <i>3000-4000 level Nursing Electives</i> Delete: <i>from 2 hours to 1 hour</i> Total Hours: <i>13</i>
Spring Start (If applicable)	
 Freshman Spring Semester Add/Change: Delete: Total Hours: 	 Freshman Fall Semester Add/Change: Delete: Total Hours:
 Sophomore Spring Semester Add/Change: Delete: Total Hours: 	 Sophomore Fall Semester Add/Change: Delete: Total Hours:
 Junior Spring Semester Add/Change: Delete: Total Hours: 	 Junior Fall Semester Add/Change: Delete: Total Hours:
 Senior Spring Semester Add/Change: Delete: Total Hours: 	 Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours	

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Patricia Burns
Department Head

9-29-2005
Date

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number:

Change course title: _____

Faculty Senate: Approved date: Dec. 8, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) NUR 3513

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NO times for a maximum of _____ hours.

Fees attached to class? Amount NO Type of fee _____

SECTION II: Course Deletion

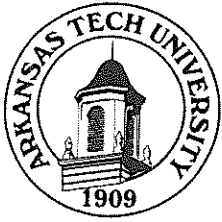
Course ID (Prefix/Number): NUR 3502 Correct End date:

Fee attached? yes Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date 2/13/06 Delete Date 2/13/06 By [Signature]

Budget office notified Student acts when approved by Board of Trustees
Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.



AGRICULTURE

Dean Building Room 123
402 West O Street
Russellville, AR 72801-2222

phone: 479-968-0251
fax: 479-964-0139

<http://agri.atu.edu>

MEMORANDUM

Date: November 21, 2005
To: Tammy Rhodes, Registrar
From: Willy Hoefler,^{W.H.} Head
Department of Agriculture
Subject: Curriculum Proposals

As per the Curriculum Committee's request, I have contacted each of the departments in which changes in the Agriculture Business, Agricultural Business (Horticulture Option), Agricultural Business (Animal Science Option), and Agricultural Business (Pre-Veterinary Option) may affect. Please find enclosed, signatures of each person consulted. There were no objections to any of the proposals.

If there is anything else that I need to provide please let me know and I thank you and the committee in advance for your consideration.

Agricultural Business

Dropping

ACCT 2013 Accounting Principles II

Jim Carr

Agricultural Business (Horticulture Option)

Dropping

ACCT 2013 Accounting Principles II

Jim Carr

Agricultural Business (Animal Science Option)

Dropping

ACCT 2013 Accounting Principles II

BIOL 3054 Microbiology

CHEM 2124 General Chemistry I

CHEM 2134 General Chemistry II

Jim Carr
Charlie Foy
Jeff W. Kuter
Jeff W. Kuter

Adding

CHEM 1114 Survey of Chemistry

Jeff W. Kuter

Agricultural Business (Pre-Veterinary Medicine Option)

Dropping

AHS 2013 Medical Terminology

BIOL 4054 Vertebrate Histology

MATH 1203 Plane Trigonometry

Melinda Wilkins
Charlie Foy
Don Carnahan

Adding

ACCT 2003 Accounting Principles I

BUAD 2033 Legal Environment of Business

MATH 2163 Introduction to Statistical Methods

Jim Carr
Ken Mason
Don Carnahan

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 12.08.05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGBU 1013

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code 010102

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-10-06 Delete Date _____ By LD

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date submitted: September 30, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Molly Brant

Approved by: Department Head: *Wally Hoefler*
Dean of School: *John White*

Reviewed by: Registrar: *Yammy Fleuder*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: AGBU 1013

Title for Catalog: Principles of Agricultural Business

*Title for Course Inventory (24 characters): Principles of AGBU

Description: Overview of the economic theories associated with the production, consumption, and marketing of agricultural products, and with the policies designed to achieve efficiency and welfare goals in agriculture. Lecture three hours.

Effective date or term: Summer 2006

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

The agriculture department has courses necessary for the degree. This course will prepare them to understand the basics involved in the agribusiness courses.

Overviews of microeconomics, macroeconomics, marketing, finance, management, and policies faced by agribusinesses are presented. The introduction course allows students to tie together the basics of the six areas of agribusiness.

Students majoring in Agribusiness will be likely candidates to enroll in this course.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course will allow students to tie together and be more prepared to face in-depth discussions of microeconomics, macroeconomics, marketing, finance, management, and policies faced by agribusinesses.

This course will not overlap with other courses, but will be the foundation for each course. This foundation will allow students to understand the basics of each course and will allow professors to cover more detail in the courses as they know that the basics have already been covered.

C. Is this course part of any general plan of development within your department? Explain.

The departmental consensus indicates a desire to have all incoming students take a foundational agribusiness course to provide the basics allowing for greater chance of future agribusiness course achievement and for more information in later agribusiness courses. The principles course would allow future courses to delve deeper into the material and better prepare the students for their careers.

D. How often will the course be offered?

The course would be offered in the spring term or as needed.

E. How will the course be staffed?

The course would be staffed by one of the agribusiness faculty members.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None
- 2.
- 3.
- 4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

This course will fit in well with the departmental goals and assessment process. One of the main goals of this department is to prepare students for their careers in agricultural business. By providing this foundational course, we provide the students the ability to get basic information in more areas and to get more information out of later courses. Another goal in the department is to provide information in the areas of agricultural business, which the class allows those areas to be sampled.

Principles of Agricultural Business
AGBU 1013
Spring 2005

Instructor: Dr. Molly Brant

Email: molly.brant@atu.edu

Phone: (479) 968-0634

Office: 123A Dean Hall

Lectures: To be determined

Office Hours: 10-11 AM, 1-2 PM MWF
9-11 T Th

The door is always open so please feel free to stop by if you need assistance or would like to chat. If you would like to guarantee a block of time, please send an email to set up an appointment.

Catalog Description of Course: Overview of the economic theories associated with the production, consumption, and marketing of agricultural products, and with the policies designed to achieve efficiency and welfare goals in agriculture. Lecture three hours.

Course Objectives: Students will become familiar with the principles associated with agricultural products.

Course Textbook: To be determined

Grading System:

90-100 A

80-89 B

70-79 C

60-69 D

<60 F

Grades are not given in the class. You will earn your grade according to the following course requirements:

<u>Item</u>	<u>Points</u>
3 Exams (100 each)	300
Final Exam	100
Assignments and Quizzes	<u>200</u>
	600

The course requirements listed above are tentative and may be changed by instructor at any time. Minimum requirements for some or all of the grades may be lowered at the discretion of the instructor.

Exams: Three exams will be given. **You will need to bring a #2 pencil for exams.** A calculator is acceptable for the exam. Calculators used for exams must be a stand alone

device, that is to say, calculators on cell phones, PDAs, or other electronic devices are NOT permitted during the test. No other notes, material or technology may be used during exams unless specifically authorized by the instructor. All exams should be considered comprehensive of all material covered prior to the exam.

Only excused absences are acceptable for missing a midterm exam:

- university activity with letter
- incapacitating illness with doctor's letter
- funeral with funeral program

Excused absences must arrange an alternative test time before the test, if possible, or at least notify instructor before the test. Only in the most extreme emergency situation would you not be able to call me or send an email by test time to say that you will be unable to take the test as scheduled. If that should happen you will be instructed to contact the instructor as soon as possible after the test to schedule your makeup exam. A midterm exam missed because of an excused absence must be made up within 72 business hours after the scheduled exam otherwise the missed exam will be considered unexcused and a grade of zero will be assigned. Instructor reserves the right to give a different test for makeup.

Bonus Points: The instructor may, at his discretion, offer opportunities for bonus points. These may occur in the form of unannounced activities in class or optional exercises. Should they occur, these points will be added to student's earned point total but will not be added to the required point total for the course.

Class Participation and Behavior: You are encouraged to actively participate by asking questions and offering comments during class. In most cases your questions and comments will be helpful to the entire class. You are asked abide by the following rules to maintain a good learning environment for everyone:

- 1) No disruptive behavior and no talking when the instructor or other students are conducting class.
- 2) Turn off cell phones and other devices that may make noise during class.
- 3) Pay attention to all announcements made in class.
- 4) Do not leave class or begin gathering your belongings until class is dismissed.

Class Attendance: The primary use of the textbook is to provide a foundation for the material covered in class. There is a strong correlation between class attendance and performance in this class. **In class quizzes are unannounced and some points may be assigned for class participation.** These points are a type of bonus points and are only available in class and are not subject to makeup. Your grade may suffer if you miss class. You are responsible for all material covered and announcements made in class.

Academic Misconduct/Dishonesty: Academic misconduct and academic dishonesty will not be tolerated in this course. University policy will be followed for any such incident. Academic dishonesty in this course is defined as cheating and/or assisting with cheating on an exam or homework; plagiarism; unauthorized possession of examinations; falsification of records; reading or attempting to read another student's answer, or communicating with another person while a quiz or exam is in progress; and the use of books, notes, or any other materials not authorized during an exam or quiz. In addition, talking to another student during a quiz or exam will be viewed as dishonesty. Academic misconduct or dishonesty will result in assignment of a grade of zero for the quiz, exam, homework, or paper involved; or such other disciplinary actions as are appropriate under university policy. Unless otherwise clearly stated in the assignment, all assignments are to be done by the individual student and not by a "group effort." If you have questions about this, please ask the instructor.

Academic Accommodations: If any member of the class feels that he/she has a disability and needs special accommodations of any nature whatsoever, the instructor will work with you and Disability Services to provide reasonable accommodations to ensure that you have a fair opportunity to perform in this class. Please advise the instructor of such disability and the desired accommodations at some point before, during or immediately after the first scheduled class period.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hoefler
Department Head

9-30-05
Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: Dec 8, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGBU 3213

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO ___ YES Cross-listed?

NO ___ YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/13/06 Delete Date _____ By [Signature]

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Initiating Department

Date submitted: September 30, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Molly Brant

Approved by: Department Head: *Willy Hoefler*
Dean of School: *John White*

Reviewed by: Registrar: *Yammy Woods*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: AGBU 3213

Title for Catalog: Career Development in Agriculture

*Title for Course Inventory (24 characters): Career Development in Ag

Description: Prerequisite: Junior standing. Study of the professional opportunities and responsibilities associated with agricultural business careers. Interaction with professionals in the chosen career along with development and improvement of written communication, oral communication, and leadership skills. Lecture three hours.

Effective date or term: Summer 2006

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

The agriculture department is presenting material and courses to prepare students for a career in agriculture. This course will provide the written communication, oral communication, and leadership skills necessary to rise in the job market. Interaction with agricultural professionals along with career presentations from professionals will assist the students in preparing for their career.

Students majoring in Agribusiness will be likely candidates to enroll in this course.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course will allow students to develop the skills necessary for their chosen careers and for the ability to adequately compete in today's job market competition. This course will tie all the degree courses together to enable students to understand the necessities of the coursework for excelling in their careers.

This course will not overlap with other courses, but will aid students in preparation for job interviews and careers in agriculture.

C. Is this course part of any general plan of development within your department? Explain.

The departmental consensus is to provide students the opportunity to learn and to achieve careers in agriculture. This course allows students to understand how to best package their skills to achieve the desired jobs and to understand what is necessary or preferred of particular job applicants.

D. How often will the course be offered?

The course would be offered in the fall term or as needed.

E. How will the course be staffed?

The course would be staffed by one of the agribusiness faculty members.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

This course will fit in well with the departmental goals and assessment process. One of the main goals of this department is to prepare students for their careers in agricultural business. By providing this course, we provide the students the ability to understand how to best package their skills to achieve the desired jobs and to understand what is necessary or preferred of particular job applicants. Another desire of the department is to provide students with the tools to be successful in their careers. By providing this course, the department is enabling students to understand what is necessary to be successful in their chosen field. Part of understanding how to be successful in their careers will come from interaction with agricultural professionals along with career presentations from professionals.

Career Development in Agriculture
AGBU 3213
Fall 2005

Instructor: Dr. Molly Brant
Email: molly.brant@atu.edu
Phone: (479) 968-0634
Office: 123A Dean Hall

Lectures: To be determined

Office Hours: 10-11 AM, 1-2 PM MWF
9-11 T Th

The door is always open so please feel free to stop by if you need assistance or would like to chat. If you would like to guarantee a block of time, please send an email to set up an appointment.

Catalog Description of Course: Prerequisite: Junior standing. Study of the professional opportunities and responsibilities associated with agricultural business careers. Interaction with professionals in the chosen career along with development and improvement of written communication, oral communication, and leadership skills.

Course Objectives: Students will interact with professionals and develop the skills to better promote themselves in the job market.

Course Textbook: No book required.

Grading System:

90-100 A
80-89 B
70-79 C
60-69 D
<60 F

Grades are not given in the class. You will earn your grade according to the following course requirements:

<u>Item</u>	<u>Points</u>
Professional Interaction Project	100
Final Exam/Project	100
Assignments, Quizzes, and Midterms	<u>500</u>
	700

The course requirements listed above are tentative and may be changed by instructor at any time. Minimum requirements for some or all of the grades may be lowered at the discretion of the instructor.

Exams: A mid-term and final exam or projects will be given. **You will need to bring a #2 pencil for exams.** A calculator is acceptable for the exam. Calculators used for exams must be a stand alone device, that is to say, calculators on cell phones, PDAs, or other electronic devices are NOT permitted during the test. No other notes, material or technology may be used during exams unless specifically authorized by the instructor. All exams should be considered comprehensive of all material covered prior to the exam.

Only excused absences are acceptable for missing a midterm exam:

- university activity with letter
- incapacitating illness with doctor's letter
- funeral with funeral program

Excused absences must arrange an alternative test time before the test, if possible, or at least notify instructor before the test. Only in the most extreme emergency situation would you not be able to call me or send an email by test time to say that you will be unable to take the test as scheduled. If that should happen you will be instructed to contact the instructor as soon as possible after the test to schedule your makeup exam. A midterm exam missed because of an excused absence must be made up within 72 business hours after the scheduled exam otherwise the missed exam will be considered unexcused and a grade of zero will be assigned. Instructor reserves the right to give a different test for makeup.

Bonus Points: The instructor may, at his discretion, offer opportunities for bonus points. These may occur in the form of unannounced activities in class or optional exercises. Should they occur, these points will be added to student's earned point total but will not be added to the required point total for the course.

Class Participation and Behavior: You are encouraged to actively participate by asking questions and offering comments during class. In most cases your questions and comments will be helpful to the entire class. You are asked abide by the following rules to maintain a good learning environment for everyone:

- 1) No disruptive behavior and no talking when the instructor or other students are conducting class.
- 2) Turn off cell phones and other devices that may make noise during class.
- 3) Pay attention to all announcements made in class.
- 4) Do not leave class or begin gathering your belongings until class is dismissed.

Class Attendance: The primary use of the textbook is to provide a foundation for the material covered in class. There is a strong correlation between class attendance and performance in this class. **In class quizzes are unannounced and some points may be assigned for class participation.** These points are a type of bonus points and are only available in class and are not subject to makeup. Your grade may suffer if you miss class. You are responsible for all material covered and announcements made in class.

Academic Misconduct/Dishonesty: Academic misconduct and academic dishonesty will not be tolerated in this course. University policy will be followed for any such incident. Academic dishonesty in this course is defined as cheating and/or assisting with cheating on an exam or homework; plagiarism; unauthorized possession of examinations; falsification of records; reading or attempting to read another student's answer, or communicating with another person while a quiz or exam is in progress; and the use of books, notes, or any other materials not authorized during an exam or quiz. In addition, talking to another student during a quiz or exam will be viewed as dishonesty. Academic misconduct or dishonesty will result in assignment of a grade of zero for the quiz, exam, homework, or paper involved; or such other disciplinary actions as are appropriate under university policy. Unless otherwise clearly stated in the assignment, all assignments are to be done by the individual student and not by a "group effort." If you have questions about this, please ask the instructor.

Academic Accommodations: If any member of the class feels that he/she has a disability and needs special accommodations of any nature whatsoever, the instructor will work with you and Disability Services to provide reasonable accommodations to ensure that you have a fair opportunity to perform in this class. Please advise the instructor of such disability and the desired accommodations at some point before, during or immediately after the first scheduled class period.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hooper
Department Head

9-30-05
Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Initiating Department

Date submitted: September 30, 2005

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Molly Brant

Approved by: Department Head: *Wally Hoefler*
Dean of School *[Signature]*

Reviewed by: Registrar: *Gammy Woods*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

The departmental consensus indicates that our students need to understand not just capital and lending institutions, but the accounting processes and analytical methods used in agricultural businesses. Changing the description will enable students to understand that the course will focus on both the economics and accounting involved in agricultural finance decisions.

Old Description:

AGBU 4023 Agricultural Finance

Prerequisite: AGBU 2063 and 2073, or consent of instructor. Designed as an economic study of the acquisition and use of capital in agriculture. Analytical procedures are used to determine how to allocate capital among alternative uses and to determine the amount of capital that can safely be used. Lending institutions are analyzed as to their purpose and efficiency in serving the agricultural sector of the economy. Lecture three hours.

New Description:

AGBU 4023 Agricultural Finance

Prerequisite: AGBU 2063 and 2073, or consent of instructor. Designed as an economic and accounting study of the processes in agricultural businesses. Manufacturing costs, income tax, managerial reports, cash flow, and statement analysis of agricultural businesses along with capital allocation and the purpose and efficiency of agricultural lending institutions are analyzed. Lecture three hours.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course

content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number:

Title for Catalog:

*Title for Course Inventory (24 characters):

Description:

Effective date or term:

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it?
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?
- C. Is this course part of any general plan of development within your department? Explain.
- D. How often will the course be offered?
- E. How will the course be staffed?
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Willy Hooper
Department Head

9-30-05
Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 12-8-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGBU 4053

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-10-06 Delete Date _____ By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Initiating Department

Date submitted: September 30, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Molly Brant

Approved by: Department Head: *Willy Heesler*
Dean of School: *John White*

Reviewed by: Registrar: *Yammy Keadis*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: AGBU 4053

Title for Catalog: Agricultural Price Analysis

*Title for Course Inventory (24 characters): Ag Price Analysis

Description: Prerequisite: AGBU 2063 and 2073. Study of the trends, cycles, and seasonal patterns associated with agricultural markets and institutional arrangements. Graphical and statistical analysis of commodity data and the fundamentals of agricultural futures markets are covered. Lecture three hours.

Effective date or term: Summer 2006

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

The agriculture department is presenting material and courses to prepare students for a career in agriculture. This course will provide the necessary information to understand how markets and the associated prices are impacted by trends, cycles, and seasonal patterns that are prevalent in agricultural business. Students will be taught how to produce and understand graphs along with the production and understanding of statistical analysis performed daily in agricultural markets. This course will teach the traditional and nontraditional agricultural markets.

Students majoring in Agribusiness will be likely candidates to enroll in this course.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course will allow students to develop the skills necessary for additional understanding of the agricultural markets that the businesses operate within.

This course will not overlap with other courses offered in the department.

C. Is this course part of any general plan of development within your department? Explain.

The departmental consensus is to provide students the opportunity to learn and to prepare for their careers in agriculture. This course would allow the students to obtain information needed to understand the pricing and markets that agricultural businesses face.

D. How often will the course be offered?

The course would be offered in the spring term or as needed.

E. How will the course be staffed?

The course would be staffed by one of the agribusiness faculty members.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

This course will fit in well with the departmental goals and assessment process. One of the main goals of this department is to prepare students for their careers in agricultural business. By providing this course, we provide the students the ability to understand markets and prices, which would enable them to have more marketable skills when competing for jobs. Another desire of the department is to provide students with the tools to be successful in their careers. By providing this course, the department is enabling students to understand the underlying information concerning price reporting and the impacts on the prices and markets. The course will also enable students to better analyze and make recommendations for business marketing decisions.

Agricultural Prices Analysis
AGBU 4053
Spring 2005

Instructor: Dr. Molly Brant
Email: molly.brant@atu.edu
Phone: (479) 968-0634
Office: 123A Dean Hall

Lectures: To be determined

Office Hours: 10-11 AM, 1-2 PM MWF
9-11 T Th

The door is always open so please feel free to stop by if you need assistance or would like to chat. If you would like to guarantee a block of time, please send an email to set up an appointment.

Catalog Description of Course: Prerequisite: AGBU 2063 and 2073. Study of the trends, cycles, and seasonal patterns associated with agricultural markets and institutional arrangements. Graphical and statistical analysis of commodity data and the fundamentals of agricultural futures markets are covered. Lecture three hours.

Course Objectives: This course will provide the opportunity for students to understand markets and prices and to understand the underlying information concerning price reporting and the impacts on the prices and markets. The course will also enable students to better analyze and make recommendations for business marketing decisions.

Course Textbook: To be determined.

Grading System:

90-100 A
80-89 B
70-79 C
60-69 D
<60 F

Grades are not given in the class. You will earn your grade according to the following course requirements:

<u>Item</u>	<u>Points</u>
Exams	400
Final Exam	100
Assignments and Quizzes	<u>200</u>
	700

The course requirements listed above are tentative and may be changed by instructor at any time. Minimum requirements for some or all of the grades may be lowered at the discretion of the instructor.

Exams: Four exams will be given. **You will need to bring a #2 pencil for exams.** A calculator is acceptable for the exam. Calculators used for exams must be a stand alone device, that is to say, calculators on cell phones, PDAs, or other electronic devices are NOT permitted during the test. No other notes, material or technology may be used during exams unless specifically authorized by the instructor. All exams should be considered comprehensive of all material covered prior to the exam.

Only excused absences are acceptable for missing a midterm exam:

- university activity with letter
- incapacitating illness with doctor's letter
- funeral with funeral program

Excused absences must arrange an alternative test time before the test, if possible, or at least notify instructor before the test. Only in the most extreme emergency situation would you not be able to call me or send an email by test time to say that you will be unable to take the test as scheduled. If that should happen you will be instructed to contact the instructor as soon as possible after the test to schedule your makeup exam. A midterm exam missed because of an excused absence must be made up within 72 business hours after the scheduled exam otherwise the missed exam will be considered unexcused and a grade of zero will be assigned. Instructor reserves the right to give a different test for makeup.

Bonus Points: The instructor may, at his discretion, offer opportunities for bonus points. These may occur in the form of unannounced activities in class or optional exercises. Should they occur, these points will be added to student's earned point total but will not be added to the required point total for the course.

Class Participation and Behavior: You are encouraged to actively participate by asking questions and offering comments during class. In most cases your questions and comments will be helpful to the entire class. You are asked abide by the following rules to maintain a good learning environment for everyone:

- 1) No disruptive behavior and no talking when the instructor or other students are conducting class.
- 2) Turn off cell phones and other devices that may make noise during class.
- 3) Pay attention to all announcements made in class.
- 4) Do not leave class or begin gathering your belongings until class is dismissed.

Class Attendance: The primary use of the textbook is to provide a foundation for the material covered in class. There is a strong correlation between class attendance and performance in this class. **In class quizzes are unannounced and some points may be assigned for class participation.** These points are a type of bonus points and are only available in class and are not subject to makeup. Your grade may suffer if you miss class. You are responsible for all material covered and announcements made in class.

Academic Misconduct/Dishonesty: Academic misconduct and academic dishonesty will not be tolerated in this course. University policy will be followed for any such incident. Academic dishonesty in this course is defined as cheating and/or assisting with cheating on an exam or homework; plagiarism; unauthorized possession of examinations; falsification of records; reading or attempting to read another student's answer, or communicating with another person while a quiz or exam is in progress; and the use of books, notes, or any other materials not authorized during an exam or quiz. In addition, talking to another student during a quiz or exam will be viewed as dishonesty. Academic misconduct or dishonesty will result in assignment of a grade of zero for the quiz, exam, homework, or paper involved; or such other disciplinary actions as are appropriate under university policy. Unless otherwise clearly stated in the assignment, all assignments are to be done by the individual student and not by a "group effort." If you have questions about this, please ask the instructor.

Academic Accommodations: If any member of the class feels that he/she has a disability and needs special accommodations of any nature whatsoever, the instructor will work with you and Disability Services to provide reasonable accommodations to ensure that you have a fair opportunity to perform in this class. Please advise the instructor of such disability and the desired accommodations at some point before, during or immediately after the first scheduled class period.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hoefler
Department Head

9-30-05
Date

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 12-8-2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGBU 4063

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO ___ YES Cross-listed?

NO ___ YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2-15-2006 Delete Date _____ By [Signature]

Fee? no Add to list? na Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date submitted: September 30, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Randy Renfro

Approved by: Department Head: *Willy Hoefler*
Dean of School: *John Wheat*

Reviewed by: Registrar: *Gammy Kuebler*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: AGBU 4063

Title for Catalog: Agricultural Investments

*Title for Course Inventory (24 characters): Agricultural Investments

Description:

Prerequisite: AGBU 2063 and AGBU 2073, senior standing or consent of instructor. An in-depth analysis of investment opportunities available in the field of agriculture. Emphasis will be on investment in stocks, bonds, agricultural commodities, futures hedging, and in international currencies. Students will be required to create and maintain a diversified investment portfolio with weekly monitoring of their chosen investments. Lecture three hours.

Effective date or term: Fall 2006.
SUMMER I

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

Businesses are facing diversified options when selling their products and investing their profits. Students need the basic knowledge of the alternative investment options and what the implications are for the bottom line. This knowledge will better aid the students in their marketability with agricultural businesses.

Agricultural students in their senior year will take this course.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course will be beneficial to those students majoring in agricultural business. It will allow them to apply classroom knowledge to real life situations.

This course will not overlap with other course offered in the department.

C. Is this course part of any general plan of development within your department? Explain.

The department consensus is to provide students with opportunities to learn and prepare for their careers in agriculture. This course will provide for a hands-on training before the student faces investment decisions in the workplace.

D. How often will the course be offered?

This course will be offered in the fall term or as needed.

E. How will the course be staffed?

This course will be staffed by one of the agribusiness faculty members

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

This course will fit in well with the departmental goals and assessment process. One of the main goals of this department is to prepare students for their careers in agricultural business. By providing this course, we provide the students the ability to understand hedging, agriculture commodities, and futures which would enable them to have more marketable skills when competing for jobs. Another desire of the department is to provide students with the tools to be successful in their careers. By providing this course, the department is enabling students to understand the underlying information concerning agricultural commodities and the impacts on the prices and markets. The course will also enable students to better analyze and make recommendations for business investment decisions.

Agricultural Investments
AGBU 40~~7~~3
6

Instructor: Mr. Randy Renfro
Email: randy.renfro@atu.edu
Phone: (479) 964-3258
Office: 123B Dean Hall

Lectures: To be determined

Office Hours: 10-12 AM, 1-3 PM MWF
9-12 T Th

The door is always open so please feel free to stop by if you need assistance or would like to chat. If you would like to guarantee a block of time, please send an email to set up an appointment.

Catalog Description of Course: AGBU 2063 and AGBU 2073, senior standing or consent of instructor. An in-depth analysis of investment opportunities available in the field of agriculture. Emphasis will be on investment in stocks, bonds, agricultural commodities, futures hedging, and in international currencies. Students will be required to create and maintain a diversified investment portfolio with weekly monitoring of their chosen investments. Lecture three hours.

Course Objectives: To gain an understanding of basic agricultural investment opportunities. The student will become familiar with agricultural commodity markets as well as the stock and bonds markets. In addition, students will gain experience in the possibilities of investment in international currencies. Students will also learn how to develop a diversified portfolio.

Course Textbook: To be determined.

Grading System:

90-100 A
80-89 B
70-79 C
60-69 D
<60 F

Grades are not given in the class. You will earn your grade according to the following course requirements:

<u>Item</u>	<u>Points</u>
Three Exams	300
Final Exam	100
Portfolio	200
Quizzes	<u>100</u>
	700

The course requirements listed above are tentative and may be changed by instructor at any time. Minimum requirements for some or all of the grades may be lowered at the discretion of the instructor.

Exams: Three exams will be given. **You will need to bring a #2 pencil for exams.** A calculator is acceptable for the exam. Calculators used for exams must be a stand alone device, that is to say, calculators on cell phones, PDAs, or other electronic devices are NOT permitted during the test. No other notes, material or technology may be used during exams unless specifically authorized by the instructor. All exams should be considered comprehensive of all material covered prior to the exam.

Only excused absences are acceptable for missing a midterm exam:

- university activity with letter
- incapacitating illness with doctor's letter
- funeral with funeral program

Excused absences must arrange an alternative test time before the test, if possible, or at least notify instructor before the test. Only in the most extreme emergency situation would you not be able to call me or send an email by test time to say that you will be unable to take the test as scheduled. If that should happen you will be instructed to contact the instructor as soon as possible after the test to schedule your makeup exam. A midterm exam missed because of an excused absence must be made up within 72 business hours after the scheduled exam otherwise the missed exam will be considered unexcused and a grade of zero will be assigned. Instructor reserves the right to give a different test for makeup.

Bonus Points: The instructor may, at his discretion, offer opportunities for bonus points. These may occur in the form of unannounced activities in class or optional exercises. Should they occur, these points will be added to student's earned point total but will not be added to the required point total for the course.

Class Participation and Behavior: You are encouraged to actively participate by asking questions and offering comments during class. In most cases your questions and comments will be helpful to the entire class. You are asked abide by the following rules to maintain a good learning environment for everyone:

- 1) No disruptive behavior and no talking when the instructor or other students are conducting class.
- 2) Turn off cell phones and other devices that may make noise during class.
- 3) Pay attention to all announcements made in class.
- 4) Do not leave class or begin gathering your belongings until class is dismissed.

Class Attendance: The primary use of the textbook is to provide a foundation for the material covered in class. There is a strong correlation between class attendance and performance in this class. **In class quizzes are unannounced and some points may be assigned for class participation.** These points are a type of bonus points and are only

available in class and are not subject to makeup. Your grade may suffer if you miss class. You are responsible for all material covered and announcements made in class.

Academic Misconduct/Dishonesty: Academic misconduct and academic dishonesty will not be tolerated in this course. University policy will be followed for any such incident. Academic dishonesty in this course is defined as cheating and/or assisting with cheating on an exam or homework; plagiarism; unauthorized possession of examinations; falsification of records; reading or attempting to read another student's answer, or communicating with another person while a quiz or exam is in progress; and the use of books, notes, or any other materials not authorized during an exam or quiz. In addition, talking to another student during a quiz or exam will be viewed as dishonesty. Academic misconduct or dishonesty will result in assignment of a grade of zero for the quiz, exam, homework, or paper involved; or such other disciplinary actions as are appropriate under university policy. Unless otherwise clearly stated in the assignment, all assignments are to be done by the individual student and not by a "group effort." If you have questions about this, please ask the instructor.

Academic Accommodations: If any member of the class feels that he/she has a disability and needs special accommodations of any nature whatsoever, the instructor will work with you and Disability Services to provide reasonable accommodations to ensure that you have a fair opportunity to perform in this class. Please advise the instructor of such disability and the desired accommodations at some point before, during or immediately after the first scheduled class period.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hoefla
Department Head

9-30-05
Date

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number:

Change course title: _____

Faculty Senate: Approved date: 12-8-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGSS 2014

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGSS 2013 Correct End date:

Fee attached? _____ Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date 7-10-06 Delete Date 7-10-06 By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date Submitted: September 30, 2005

Type of Curriculum Change Requested: (*Addition of new program, option, or minor)
(*Program, option, or minor deletion)
(*Program, option, or minor modification)
X (Course credit hour change)
X (Miscellaneous change)

Submitted By: Larry Hodgson

Approved By: Department Head: *Willy Hoefler*

Dean of School: *John Watson* by *Pam Dixon*

Reviewed By: Registrar: *Yummy Charles*

Vice-President for Academic Affairs

1. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

Add two hours of lab to AGSS 2013 and change course number and description.

Current Description:

AGSS 2013 Soils

Prerequisite: Chem 1114. Origin, classification, physical and chemical properties of soils. A review of the major areas of soil science and their application to agricultural production. Lecture three hours.

Proposed Description:

AGSS 2014 Soils

Prerequisite: Chem 1114. Development, classification, and properties of soils. A review of the major areas of soil science and their application to agricultural production and the environment. Lecture three hours, laboratory two hours.

II. Course Information

A. Rationale for the requested change.

One of the agriculture department's goals is to take classroom knowledge and apply it in a hands-on setting. Students who enroll in this course will be able to gain valuable hands-on experience.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

These proposed changes will have no impact on staffing, other programs or space allocation. There is sufficient faculty to cover this change. Currently, the budget is sufficient to cover the proposed change. However, as this lab develops and enrollment increases, a request will be submitted for an increase to the department's operating budget or a lab fee request will be made to help cover the cost of the lab.

2. Outside the department.

These proposed changes should have no impact on outside department's staffing, budget or space allocation. However, adding one credit hour to the soils course could have an effect on the total hours in the Turf Management Emphasis program offered by the Department of Parks, Recreation and Hospitality Administration.

C. Effective date or term. Fall 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. Theresa Herrick	yes	9-30-05
2.		

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Willy Hoefler

Department Head

9-30-05

Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date submitted: September 30, 2005

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Larry Hodgson

Approved by: Department Head: *Willy Hooley*
Dean of School: *[Signature]*

Reviewed by: Registrar: *Yammy Ruedis*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

Change the name Field Crops (AGPS 1003) to Principles of Crop Science. Changing the name to Principles of Crop Science will make this course name consistent with other introduction courses offered in the Agricultural Business degree plan.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: AGPS 1003

Title for Catalog: Principles of Crop Science

*Title for Course Inventory (24 characters): Prin. of Crop Science

Description:

AGPS 1003 Field Crops

Nature, importance, ecology, management growth characteristics, fundamental principles of production. Lecture three hours.

Proposed Description:

AGPS 1003 Principles of Crop Science

A study of the origin, structure, importance, and production of the major agronomic crops, including a general description of plant biology and their interactions with climate, soil, and pests. Lecture three hours.

Effective date or term:

*Course fees:

- II. Justification and feasibility of course:
- A. What is the need for this course? Who will take it?
 - B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?
 - C. Is this course part of any general plan of development within your department? Explain.
 - D. How often will the course be offered?
 - E. How will the course be staffed?
 - F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Willy Hoefla
Department Head

9-30-05
Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: Change course title: _____

Faculty Senate: Approved date: 12.8.05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGPS 1024

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGPS 1023 Correct End date: DJC

Fee attached? no Course being replaced? yes CURR CRS ID completed? Checked future terms?

Screen 125: Add date 7-10-06 Delete Date 7-10-06 By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

12/8/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date Submitted: September 30, 2005

Type of Curriculum Change Requested: (*Addition of new program, option, or minor)
(*Program, option, or minor deletion)
(*Program, option, or minor modification)
X (Course credit hour change)
X (Miscellaneous change)

Submitted By: Willy Hoefler

Approved By: Department Head: *Willy Hoefler*

Dean of School: *[Signature]*

Reviewed By: Registrar: *Gammy Klueber*

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)
 - a. Change the name of General Horticulture (AGPS 1023) to Principles of Horticulture.
 - b. Add two hours of laboratory and change the course number as follows:

Old Number	New Number
AGPS 1023	AGPS 1024
 - c. Add the following to the course description:
laboratory two hours.

II. Course Information

A. Rationale for the requested change.

- I. Changing the name to Principles of Horticulture will make this course name consistent with other introduction courses offered in the Agricultural Business degree plan.

2. One of the agriculture department's goals is to take classroom knowledge and apply it in a hands-on setting. Students who enroll in this course will be able to gain valuable hands-on experience.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

These proposed changes will have no impact on staffing, other programs or space allocation. There is sufficient faculty to cover this change. Currently, the budget is sufficient to cover the proposed change. However, as this lab develops and enrollment increases, a request will be submitted for an increase to the department's operating budget or a lab fee request will be made to help cover the cost of the lab.

2. Outside the department.

These proposed changes should have no impact on outside department's staffing, budget or space allocation. However, adding one credit hour to this course could have an effect on the total hours in the Turf Management Emphasis program offered by the Department of Parks, Recreation and Hospitality Administration.

C. Effective date or term. Summer 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. Theresa Herrick	yes	9/30/05
2.		
3.		
4.		
5.		

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hoefla
Department Head

9-30-05
Date

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE-PASSED

SEP 29 2005

8 11/10/2005

TO: Dr. Georgena Duncan, Dean
School of Liberal and Fine Arts

FROM: Dr. Cathy Caldwell, Head
Art Department

RE: Course Changes/Additions

DATE: September 23, 2005

The attached curriculum changes are submitted for your approval.
All changes have been approved by the faculty and a summary is as follows:

Course Changes:

Title changes:

- ✓ Art 2103 Art History I, World to Art 2103 Art History I
- ✓ Art 2113 Art History II, World to Art 2113 Art History II

New Course Additions:

- ✓ Art 4123 Art History, Medieval
- ✓ Art 4723 Art History Seminar

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition:

Course deletion:

Change course number: _____

Change course title:

Faculty Senate: Approved date: 11-10-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) ART 2103

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code 500701

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/1/05

FACULTY SENATE-PASSED
11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Art Department

Date submitted:

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Nancy Bishop

Approved by: Department Head: *Cathy Caldwell*
Dean of School *Kulumban*

Reviewed by: Registrar: *Yammy Kuodis*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

I propose that the word, "World," be removed from the course title. This is not a course in world art but is exclusively Western art. The word "western" is added to the course description. It is right that the title/ description should reflect the true content as accurately as possible.

I. Catalog description:

Number: 2103

Title for Catalog: Art History I

*Title for Course Inventory (24 characters):

Description:

An examination of the periods and *western* cultures responsible for major artistic monuments and achievements from pre-history through the gothic period.

Effective date or term: ~~Fall~~ 2006
Summer I

*Course fees:

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

C. Is this course part of any general plan of development within your department?
Explain.

D. How often will the course be offered?

E. How will the course be staffed?

How will this course change affect other departments' students and offerings?
With what other departments have you specifically consulted?

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title:

Faculty Senate: Approved date: 11.10.05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) ART 2113

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO ___ YES Cross-listed?
- NO ___ YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____
Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7.6.06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Art Department

Date submitted:

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Nancy Bishop

Approved by: Department Head: *Cathy Caldwell*
Dean of School: *Duncan*

Reviewed by: Registrar: *Yammy Luadis*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

I propose that the word, "World," be removed from the course title. This is not a course in world art but is exclusively Western art. It is right that the title and course description should reflect the true content as accurately as possible.

I. Catalog description:

Number: 2113

Title for Catalog: Art History II

*Title for Course Inventory (24 characters):

Description:

A western art survey of the events, people, and stylistic trends involved in the development of major art forms from the era of the Italian Renaissance to the present.

Effective date or term: Fall 2006
Summer I

*Course fees:

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

C. Is this course part of any general plan of development within your department?
Explain.

D. How often will the course be offered?

E. How will the course be staffed?

How will this course change affect other departments' students and offerings?
With what other departments have you specifically consulted?

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) ART 4123

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit 0 times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/13/06 Delete Date _____ By [Signature]

Fee? no Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Art Department

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X _____
(Excluding course credit hour changes)

Submitted by: Nancy Bishop

Approved by: Department Head: *Cathy Caldwell*
Dean of School: *Shimcan*

Reviewed by: Registrar: *Yummy Pleads*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description:

Number: ART 4123

Title for Catalog: Art History, Medieval

*Title for Course Inventory (24 characters):

Description: Prerequisite: ART2103, sophomore review or permission of instructor.
A study of the art and architecture of the European Middle Ages, from the rise of Christianity through the Gothic period.

Effective date or term: Fall 2006
Summer I

*Course fees:

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

There is a need because there is currently no course covering the art of this period with anything other than a superficial approach. This course will be taken by art majors and may be of interest to other majors.

- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

The art of the Middle Ages is covered superficially in Art History I, the survey of art from prehistoric to the Renaissance. This course will be offered as an upper level art elective. Also, currently twelve hours of art history are required of all art majors with six hours of upper elective choice. The course will not alter current program requirements.

- C. Is this course part of any general plan of development within your department? Explain.

An art history major, minor may be offered in the future.

- D. How often will the course be offered?

The course will be offered once every two years.

- E. How will the course be staffed?

Art History faculty will teach this course.

- F. How will this course change affect other departments' students and offerings? With what other departments have you specifically consulted?

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

Assessment:

This course is an elective and it does not fit in with our overall program assessment plan.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Cathy Caldwell
Department Head

9/23/05
Date

*Added 9/1/05

ART 4123 • Art History, Medieval

Instructor: Nancy Bishop, Assistant Professor

Office: Art Building 310 • Office Phone 356-2016

Department Phone: 968-0244 • email: nancy.bishop@atu.edu

COURSE DESCRIPTION

Prerequisite: ART2103, sophomore review or permission of instructor. This course is a study of the art and architecture of the European Middle Ages, from the rise of Christianity through the Gothic period.

COURSE GOALS

1. to deepen student appreciation for the complexity and diversity of cultural and artistic production in the so-called Middle Ages, which saw the blending of northern and Roman legacies to create a cultural map of Europe that remains recognizable today.
2. to increase student knowledge of the meaning of individual monuments of Western medieval art and the development of historical styles
3. to increase student knowledge and appreciation of the importance of historical and cultural context on the development of art and artists
4. to increase student appreciation of art as an activity that enriches our human experiences and reflects our deepest cultural values
5. to enable students to critically analyze and interpret primary and secondary writings.

COURSE OBJECTIVES:

1. To help increase visual perception and awareness.
2. To develop a method of inquiry for analyzing complex works of art.
3. To help develop oral and written communication in the visual arts.
4. To begin to develop a sense of both the historic and future importance of artistic contributions to society.
5. To explore some of the relationships between the areas of the fine arts.

TEXT

Stokstad, Marilyn, *Medieval Art*. Westview, 2004.

Davis-Weyer, Cecilia, *Early Medieval Art*, U. Toronto, 1986.

All the images you will be asked to know are reproduced in the Stokstad book so, besides providing most of your required reading, it will be an essential study resource. Reading assignments in the text and in Davis-Weyer, the compilation of primary sources, are listed in parentheses on the schedule of classes below. Come to class prepared to discuss the material.

STUDENT EVALUATION

Your grade will be based on the following

A short paper (25%) 5-page paper on your choice from a list of topics provided by instructor

Two midterm quizzes (20% each)

given in class, including image identifications, image comparisons, and short essays.

A final exam (30%).

The final also includes image identifications, image comparison, and short essays. Part of this will be on material since the last quiz and part will be comprehensive. A study guide will be provided.

Attendance and participation (5%, crucial for your success): There will be no opportunity to make up missed classes except in the event of film viewing. Notify me promptly if you must unavoidably miss a class or deadline: late work will be graded down, and your consistent participation in class will inevitably factor in to your doing well in the course.

Grading Scale:

A	=	93%
A-	=	90%
B+	=	87%
B	=	83%
B-	=	80%
C+	=	77%
C	=	73%
C-	=	70%
D+	=	67%
D	=	63%
D-	=	60%
F	=	below 60%

STUDY AND TESTING

The ultimate goal of the course is for you to understand the history of Medieval art. This will involve knowing something about dates. Rather than trying to cram these numbers into your short-term memory just before a test it would be preferable to create a mental picture of history, using certain key events as landmarks, and locating the art with respect to those landmarks. Learning to identify visual images may be an unfamiliar process for some of you. As with any learning process, do not save it for last-minute cramming: regular review will be your best approach to mastering the material.

DETAILED DESCRIPTION OF THE CLASS ATTENDANCE AND MAKE-UP TEST POLICY

The Art Department has adopted the following policy:

- For more than four missed classes regardless of excuse, the instructor has the discretion to drop the final grade one full grade.
- For more than seven classes missed the student will receive a failing grade, unless the student drops within university guidelines/deadlines.
- Up to four classes can be missed without penalty, **except for assigned due dates and exams**. These absences can cover car trouble, incidental illness, or personal business.

Students will not be penalized for officially sanctioned university activities. It is the responsibility of the student to present to instructors notices and verification of authorized participation. It should be understood that some course work cannot be made up and a student will be held accountable for missed class content.

- Tardiness is unacceptable and unprofessional. More than three tardy occurrences or leaving the class before the official or instructor determined end of class time will result in a recorded absence.

OTHER MATTERS

Accommodation: If you have a physical or learning disability requiring modification of seating, testing, or other class requirements, contact me so that appropriate arrangements can be made. Bring your Student Academic Accommodations Request form from Student Disability Services.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 **Graduate Council:** Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) ART 4723

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO ___ YES Cross-listed?
- NO ___ YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE-PASSED
11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Art Department

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Nancy Bishop

Approved by: Department Head: *Cathy Caldwell*
Dean of School *Adrian*

Reviewed by: Registrar: *Yammy Rueda*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description:

Number: ART 4723

Title for Catalog: Art History Seminar

*Title for Course Inventory (24 characters):

Description: Prerequisite: Sophomore review, senior standing, or permission of instructor. This course will provide a forum for in-depth examination of a particular artist, movement, theme, or period in art history.

Effective date or term: ~~Fall~~ 2006
Summer I

*Course fees:

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course would provide an opportunity for students to develop research and writing skills and to engage intellectually with the materials of art history. Advanced and highly capable students in art will take this course. Other majors may also be interested in this type of seminar. It would be of particular interest to those planning to attend graduate school.

- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

There are other advanced courses in studio and education but none in art history that would teach skills necessary for advanced degrees. The course will be offered as an upper level art elective. Also, currently twelve hours of art history are required of all art majors with six hours of upper elective choice. The course will not alter the current art program requirements.

- C. Is this course part of any general plan of development within your department? Explain.

An art history major/minor may be offered in the future.

- D. How often will the course be offered?

The course will be offered once every two years.

- E. How will the course be staffed?

The course will be taught by Art History faculty.

- F. How will this course change affect other departments' students and offerings? With what other departments have you specifically consulted?

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

Assessment:

This course is an elective and it does not fit in with our overall program assessment plan.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Cathy Caldwell
Department Head

9/23/05
Date

*Added 9/1/05

ART 4723 • Art History Seminar

Instructor: Nancy Bishop, Assistant Professor

Office: Art Building 310 • Office Phone: 356-2016

Department Phone: 968-0244 • email: nancy.bishop@atu.edu

Catalog Description:

Prerequisite: Sophomore review, senior standing, or permission of instructor. This course will provide a forum for in-depth examination of a particular artist, movement, theme, or period in art history.

Course Goals:

Art History Seminar will focus on different topics each time it is offered. The goals of the course will include the following:

1. to increase student knowledge of one particular period or to examine one particular perspective on Western art
2. to increase student knowledge and appreciation of the importance of historical and cultural context on the development of art and artists
3. to develop student perceptual skills in analyzing works of art (formal analysis)
4. to enable students to critically analyze and interpret primary and secondary writings.
5. to provide a forum for intellectual discussion of issues in art history

Course Objectives:

1. To help increase visual perception and awareness.
2. To develop a method of inquiry for analyzing complex works of art.
3. To practice interpreting works of art.
4. To help develop oral and written communication in the visual arts.
5. To develop a sense of the historic importance of artistic contributions to society.
6. To experience a high degree of self-motivation in meeting the deadlines and completing assignments of this course.

STUDENT EVALUATION:

1. Essays: 5 at 10 points

50 points

Several reading assignments will be given over the course of the semester. Students are expected to exercise their critical thinking and writing skills in these.

2. Term paper:

25 points

In cooperation with the instructor, the student will develop an appropriate topic for a term paper that falls within the scope of the course. Specifics on the mechanics and process will be covered in a separate handout.

3. Class Presentation:

15 points

Each student will present the material in their term paper to the class in the form of a Powerpoint or slide presentation.

4. Attendance and Participation

10 points

Students will be expected to come to each class prepared to discuss the material.

Grading Scale:

A	=	93%
A-	=	90%
B+	=	87%
B	=	83%
B-	=	80%
C+	=	77%
C	=	73%
C-	=	70%
D+	=	67%
D	=	63%
D-	=	60%
F	=	below 60%

DETAILED DESCRIPTION OF THE CLASS ATTENDANCE AND MAKE-UP TEST POLICY

The Art Department has adopted the following policy:

- For more than four missed classes regardless of excuse, the instructor has the discretion to drop the final grade one full grade.
- For more than seven classes missed the student will receive a failing grade, unless the student drops within university guidelines/deadlines.
- Up to four classes can be missed without penalty, **except for assigned due dates and exams**. These absences can cover car trouble, incidental illness, or personal business. Students will not be penalized for officially sanctioned university activities. It is the responsibility of the student to resent to instructors notices and verification of authorized participation. It should be understood that some course work cannot be made up and a student will be held accountable for missed class content.
- Tardiness is unacceptable and unprofessional. More than three tardy occurrences or leaving the class before the official or instructor determined end of class time will result in a recorded absence.

OTHER MATTERS

Accommodation: If you have a physical or learning disability requiring modification of seating, testing, or other class requirements, contact me so that appropriate arrangements can be made. Bring your Student Academic Accommodations Request for from Student Disability Services.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion:

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11/10/06

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) FR 4003, GER 4003, SPAN 4003

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code 160901 FR, 160501 GER, 160905 SPAN

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

NO YES Cross-listed? (Not necessary if same course number, name change only)
Shown as cross-listed in catalog, but courses are not interchangeable.

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit 0 times for a maximum of _____ hours.

Fees attached to class? Amount 134 Type of fee Required for ACTFL OPI exam.

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? _____ CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/27/06 Delete Date _____ By KJ Eubank

Fee? 134 Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

Student acct notified by Fin. when approved by Board of Trustees.

ORAL COMMUNICATION Fr 4003, Ger 4003, Span 4003

- I. Catalog description: This course is designed to strengthen students' oral communication skills by enabling them to converse easily with native speakers on everyday topics in preparation for the oral proficiency interview (OPI). Prerequisite: Fr, Ger, Span 3013

Course number: Fr 4003, Ger 4003, or Span 4003

Title: Oral Communication

Title for course inventory: Oral Communication

Description: This course will provide practice for foreign language students to conduct conversations, discussions, telephone conversations, and interviews with native speakers. Students will be able to converse with confidence, even if unforeseen situations or complications are introduced in the dialog. This course will help students achieve the oral proficiency level of Advanced Low, specified by the American Council on Teaching of Foreign Languages (ACTFL). It will also help students with their preparation for the ACTFL Oral Proficiency Interview (OPI), which they will take after the completion of this course.

Effective date: ^{Summer I} August 2006

Course fees: A fee of \$ 134.00 is required for the ACTFL OPI exam.

- II. Justification and feasibility for this course:

A. Students will have to demonstrate the foreign language proficiency specified by ACTFL and achieve an Advanced Low proficiency level in speaking in the target language. ACTFL is the foreign language professional society recognized by NCATE.

This will be a required course for all foreign language majors. Students will be required to take the Oral Proficiency Interview administered by ACTFL to demonstrate that they have reached the Advance Low proficiency level in speaking.

B. There is no overlap with other courses offered in the Department. This course will complement the recent curriculum additions, Fr, Ger, Span 3213, an applied grammar course designed to help students improve their written communication, and, Fr, Ger, Span 3223, a reading course designed to help students with reading comprehension and the more advanced literature courses.

C. The Department has considered offering such a course before. Now, however, the determining factors are the NCATE accreditation and the ACTFL requirement.

D. The course will be offered every fall semester, and, if needed, every spring semester as well.

E. Current faculty members will teach this course.

F. This course will add three hours to the course requirement for a foreign language major, for a total of 38 hours. This will not present a problem for our majors since they now have 52 elective hours. The additional 3 hours for the major will reduce the elective hours to 49.

The curriculum changes are internal and will not affect other departments. However, the English, History and Political Science Departments, and the Department of Journalism were consulted.

Program Assessment Form (At least one of these forms should be completed for each program at each level)

Degree Producing Academic Unit B.A in Foreign Languages in French, German, Spanish Planning Cycle 2006-07

Page ____ of ____

Educational Objectives (Student Outcomes)	Measures to be Used/Criteria for Success	Actual Results Obtained	Use of Results for Improvement
<p>* 3-5 major ones for each degree producing unit recommended</p>	<p>How will you measure the outcome? Multiple measures may be used. At what degree, do you expect these outcomes to be present?</p>	<p>When you measured, (observed, surveyed, etc.) what did you find?</p>	<p>What impact did this have on the unit And how will you use this for improvement? This should lead Directly to next year's plan.</p>
<p>Students will be able to: -speak at the Advanced Low proficiency level -conduct conversations, discussions, telephone conversations, interviews with mastery and ease -adapt to unforeseen twists or complications in the conversation -score an Advanced Low proficiency level on the ACTFL Oral Proficiency Interview (OPI)</p>	<p>Measurements of outcome indicators are: -class participation and grade -OPI score</p>	<p>NA</p>	<p>NA</p>

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(Use TAB key to go from cell to cell. Tabbing in the last cell will add a new row. Each cell will expand downward to accommodate additional text)

SPAN
FR

ORAL COMMUNICATION

GER 4003

Dr. Ursula Chandler
Dean 116 A
964-0807
Ursula.chandler@atu.edu

Office hours: 11:00-12:00 MTWR
or by appointment

Catalog description: This course is designed to strengthen students' oral communication skills by enabling them to converse easily with native speakers on everyday topics in preparation for the oral proficiency interview (OPI).
Prerequisite: Ger 3013

Text: Swerlowa, Olga. Grammatik und Konversation. Berlin: Langenscheidt.2005.

Course rationale: This course focuses on oral communication skills to:

- Enable students to speak with near-native proficiency
- Handle most ordinary personal, social, or professional situations with confidence
- Have students conduct themselves with poise and ease in German

Course objectives: After the completion of this course, students should be:

- Able to speak at the Advanced Low level
- Conduct conversations, discussions, telephone conversations, and interviews with mastery and ease
- Able to adapt to unforeseen twists or complications in the conversation
- Score an Advanced Low proficiency level on the ACTFL Oral Proficiency Interview (OPI)

All students will be required to take the OPI after completion of this course.

There is a \$ 134.00 testing fee.

General education objectives: This course addresses primarily General Education Objective # 5, on page 76 of the Undergraduate Catalog: "Students ...should...have basic knowledge of a foreign culture or language and appreciation of the differences in thought processes, methods of communication, and value systems from culture to culture".

Assessment: 100 % of the assessment is based on oral participation. Students will receive daily participation grades, 20% of the total grade. They will produce 3 oral projects, worth 50% of the total grade. The OPI results will be 30% of the students' grades, and will be placed into their portfolios as part of their student achievement records.

Cheating: Students who cheat will be dropped from class with an F.

Plagiarism: Students who do not cite, i.e., give credit for the work of others, will be dropped from class with an F.

Course content: Fall

- Woche 1-2 Grammatikwiederholung: Präsens, Präteritum, Perfekt, und Futur
Sprechübungen. Themen: *Sie haben einen Wunsch frei. Die einsame Insel. Was braucht der Mensch. Schenken. Talismane, Amulette, Fetische. Vertrauenspersonen. Umweltprobleme.*
- Woche 3 Grammatikwiederholung: Präteritum, Perfekt
Sprechübungen: *Die schönsten Momente im Leben. Schulerinnerungen. Originelle Geschenke. Man lernt nie aus. Mit 16. Generationsprobleme. Begegnungen.*
- Woche 4 Grammatikwiederholung: Futur
Sprechübungen. Themen: *Ein Blick in die Zukunft. Gute Vorsätze. Pläne für die Zukunft. Projekt 1.*
- Woche 5 Grammatikwiederholung: Adjektivdeklination.
Sprechübungen. Themen: *Lebensansprüche. Eigenschaften. Was finden Sie schön? Lieblingsfarben.*
- Woche 6 Grammatikwiederholung: Adjektivdeklination.
Sprechübungen. Themen: *Partner fürs Leben gesucht. Heimat. Lebenswert.*
Grammatikwiederholung: Adjektivgraduierung (prädikativ)
Sprechübungen. Themen: *Neid. Politiker: Wunsch und Wirklichkeit. Englisch statt Deutsch.*
- Woche 7 Grammatikwiederholung: Adjektivgraduierung (prädikativ)
Sprechübungen. Themen: *Fremd in Deutschland. Männersache?*
Grammatikwiederholung: Adjektivgraduierung (attributiv)
Sprachübungen. Themen: *Frauen in technischen Berufen. Die Jugend von heute. Die Nummer 1.*
- Woche 8 Grammatikwiederholung: Adjektivgraduierung (attributiv)
Sprechübungen. Themen: *Ein Land mit vielen Superlativen.*
Grammatikwiederholung: Infinitiv mit zu
Sprechübungen. Themen: *Die Suche nach Sinn. Glück. Projekt 2.*

- Woche 9 Grammatikwiederholung: Infinitiv mit zu. Sprechübungen. Themen: *Vorbilder. Höflich, üblich oder tabu? Ein idealer Lehrer. Kontakte knüpfen-ein Problem?*
- Woche 10 Grammatikwiederholung: Modalverben: Präsens und Präteritum. Sprechübungen. Themen: *Volljährig mit 18? Führerschein mit 15? Erwachsensein. Ist Bücher lesen out?*
- Woche 11 Grammatikwiederholung: Modalverben: Präsens und Präteritum. Sprechübungen. Themen: *Traumurlaub. Leben im Ausland. Kindheitsträume.*
Grammatikwiederholung: Präpositionalergänzung mit modalen Präpositionen. Sprechübungen. Themen: *Interessieren Sie sich für Politik? Wie viel Clique braucht ein Mensch? Ängste und Sorgen.*
- Woche 12 Grammatikwiederholung: Präpositionalergänzung mit modalen Präpositionen. Sprechübungen. Themen: *Wehrdienst oder Zivildienst? Optimisten. Aus der Geschichte lernen.* Grammatikwiederholung: Nebensätze: Konditionalsätze. Sprechübungen. Themen: *Reden ist Silber, Schweigen ist Gold? Markenmode. Selbständig.* Projekt 3
- Woche 13 Grammatikwiederholung: Nebensätze: Kausalsätze. Sprechübungen. Themen: *Traumstädte. Single-warum? Briefe. Ausstieg aus der Atomindustrie. Geben ist seliger als Nehmen. Wohngemeinschaften. Soldatinnen.* OPI Praxis.
- Woche 14 Grammatikwiederholung: Nebensätze: Kausalsätze/Konzessivsätze. Sprechübungen. Themen: *Bodybuilding. Landidyll. Kunst als Beruf.*
Grammatikwiederholung: Nebensätze: Temporalsätze mit wenn, als oder während. Sprechübungen. Themen: *Marotten. Eine Frau als Chef.*
Grammatikwiederholung: Nebensätze: Finalsätze mit damit oder um...zu. Sprechübungen. Themen: *Extremsport. Menschen und Haustiere. Vegetarisch essen? Mode.* OPI Praxis.
- Woche 15 Grammatikwiederholung: Konjunktiv II Gegenwart. Sprechübungen. Themen: *Leben ohne Auto. Wenn ich Politiker wäre. Arbeitslosigkeit-was tun? Drei Wünsche.* OPI Praxis.
- Woche 16-17 OPI Examen

MISCELLANEOUS CURRICULUM CHANGES

I. Catalog description:

a) On page 147 of the 2005-2006 catalog, by the heading of **Foreign Languages**, change **34** hours in a foreign language to **38 hours** in a foreign language.

b) Course **prerequisite** changes in Spanish and in French and German:

Span 3003	Prerequisite: Span 2024 or permission of instructor
Span 3013	Span 3003 or permission of instructor
Span 3113	Span 3003 or permission of instructor
Span 3123	Span 3013 or permission of instructor
Span 3133	Span 3013 or permission of instructor
Span 3213	Span 3013 or permission of instructor
Span 3223	Span 3013 or permission of instructor
Span 4003	Span 3013 or permission of instructor
Span 4213	Span 3223 or permission of instructor
Span 4223	Span 3223 or permission of instructor

Fr/Ger 3003	Prerequisite: Fr/Ger 2024 or permission of instructor
Fr/Ger 3013	Fr/Ger 3003 or permission of instructor
Fr/Ger 3113	Fr/Ger 3013 or permission of instructor
Fr/Ger 3213	Fr/Ger 3013 or permission of instructor
Fr/Ger 3223	Fr/Ger 3013 or permission of instructor
Fr/Ger 4003	Fr/Ger 3013 or permission of instructor
Fr/Ger 4213	Fr/Ger 3223 or permission of instructor
Fr/Ger 4223	Fr/Ger 3223 or permission of instructor

II. Course information

A. Rationale for the requested change:

Our students were taking 2000, 3000 and sometimes 4000 level courses at the same time and were getting into courses which were too difficult for them.

The Foreign Language Department has increased the performance levels expected of students in the 3000 and 4000 courses in order to meet NCATE accreditation standards.

B. NA

C. August 2006

D. NA Summer I

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Initiating Department MUSIC

Date submitted: Aug 19, 2005

Request for: Course change [checked] Course deletion _____ Course addition _____
(Excluding course number changes)

Submitted by: V Andy Anders

Approved by: Department Head: V Andy Anders
Dean of School: [Signature]

Reviewed by: Registrar: Yummy [Signature]
Vice President:

If this is a deletion or other minor change, describe and give rationale. Attached

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number:

Title for Catalog:

*Title for Course Inventory (24 characters):

Description:

Effective date or term:

*Course fees:

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

AUG 25 2005

- C. Is this course part of any general plan of development within your department?
Explain.
- D. How often will the course be offered?
- E. How will the course be staffed?
- F. How will this course change affect other departments' students and offerings?
With what other departments have you specifically consulted?

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

AUG 25 2005

MUS 3702 Music Educational Technology

Add underlined text to course description

For music majors with junior standing only. Applications of Technology in Music Education. An overview of current technologies to enhance music instruction, assessment, and productivity by the music educator.

It was not perceived that this required music education course would attract interest outside the department, however this is the case. Course content relies on a common base of knowledge acquired by music majors during the first two years of study in the music curricula. There is also a shortage of available computer space in the music lab in Pendergraft. This fall ('05) non-major enrollment created hardship for bona fide music majors fulfilling required coursework.

12/8/2005

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Initiating Department *Music Department*

Date submitted: *Nov 9, 2005*

Request for: Course change Minor Course deletion _____ Course addition _____
(Excluding course credit hour changes) - *see bold phrases on last page = changes*

Submitted by: *V Andy Anders*

Approved by: Department Head: *V Andy Anders*
Dean of School: *Hidumean*

Reviewed by: Registrar: *Jammy Kucelis*
Vice President:

If this is a deletion or other minor change, describe and give rationale. *change of description and repetition*

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: *MUS 1601, 3601*

Title for Catalog: *Orchestral Repertoire*

*Title for Course Inventory (24 characters): *Orchestral Repertoire*

Description: *see attached*

Effective date or term: *Spring 2006*

*Course fees:

II. Justification and feasibility of course: *see attached*

A. What is the need for this course? Who will take it?

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

- C. Is this course part of any general plan of development within your department?
Explain.
- D. How often will the course be offered?
- E. How will the course be staffed?
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. *No other department or major affected*
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04
**Updated 9/1/05

Minor change in MUS 1601, 3601 Orchestral Repertoire, an existing course, clarifying that the course may be repeated for credit and listing the course in another section in the music course descriptions in the catalog.

MUS 1601, 3601 Orchestral Repertoire (Move listing from “Music” in Catalog to “Musical Performance”)

Prerequisite: permission of instructor. A study of the landmarks of orchestral repertoire for winds and percussion sections through the preparation and rehearsal of the literature. **Each course may be repeated three times.**

Rationale:

This course was designed primarily for those students aspiring to enter graduate school music performance programs upon completing their undergraduate degree. Music performance is a professional degree, requiring a highly developed musical skill for entry and completion. Most of these come from undergraduate music performance program. Tech does not offer the music performance degree, but Music Education and Bachelor of Arts graduates from Tech have been quite successful in graduate programs. One of the shortcomings of the Tech program is the lack of an orchestra, due to the shortage of string programs in Arkansas public schools. This course has proven successful in its attempt to make up some of the loss by providing rehearsals for learning standard orchestral parts as a preparation for taking graduate school orchestral auditions. As suggested by the dual 1000/3000 course numbering, it was always intended that each level could be retaken for credit, however the original course proposal did not specifically state this. This proposal clarifies that each level may be retaken three times and for additional clarification moves the course listing from “Music” to “Musical Performance” in the catalog.

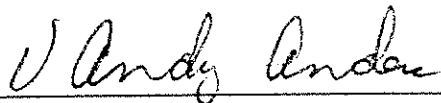
This is a purely elective course and affects no other major on campus.

This is particularly critical this spring, as a faculty development grant allows for the first time strings to be imported for a rehearsal and concert. The students most affected include those who will be repeating the course at the 3000 level.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.



Department Head



Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____

Course deletion:

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: Nov. 11, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) _____

_____ Correct Effective Term

_____ Correct Course Title

_____ Correct Course Level, _____ Correct Course Career

_____ Correct hours (CRED MIN)

_____ Correct Department

_____ Correct CIP Code

_____ Correct Approval Date

_____ NO _____ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

_____ NO _____ YES Cross-listed?

_____ NO _____ YES Co-requisite?

_____ Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit _____ times for a maximum of _____ hours.

Fees attached to class? Amount _____ Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): SPH 1011 Correct End date:

Fee attached? no Course being replaced? CURR CRS ID completed? no Checked future terms? yes

Screen 125: Add date _____ Delete Date 7/20/06 By [Signature]

Fee? no Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE-PASSED
11/10/05

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Speech, Theatre, & Journalism

Date submitted: 9/23/05

Request for: Course deletion: SPH 1011-Orientation to Speech Communication Studies
(Excluding course credit hour changes)

Submitted by: Dr. Donna R. Vocate

Approved by: Department Head:
Dean of School

Donna R. Vocate
A. Duncan

Reviewed by: Registrar:
Vice President:

Jimmy Woods

If this is a deletion or other minor change, describe and give rationale.

SPH 1003-Introduction to Speech Communication as it is now taught fulfills the function of surveying various areas of the discipline as well as pertinent research. This deletion also eliminates an irregular five week course that created scheduling problems for students and faculty members.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) _____

_____ Correct Effective Term

_____ Correct Course Title

_____ Correct Course Level, _____ Correct Course Career

_____ Correct hours (CRED MIN)

_____ Correct Department

_____ Correct CIP Code

_____ Correct Approval Date

_____ NO _____ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

_____ NO _____ YES Cross-listed?

_____ NO _____ YES Co-requisite?

_____ Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit _____ times for a maximum of _____ hours.

Fees attached to class? Amount _____ Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): SPH 1021 Correct End date:

Fee attached? no Course being replaced? CURR CRS ID completed? no Checked future terms? yes

Screen 125: Add date _____ Delete Date 7-20-2006 By [Signature]

Fee? no Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
—PASSED 10/7/05

FACULTY SENATE—PASSED SEP 29 2005
11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Speech, Theatre, & Journalism

Date submitted: 9/23/05

Request for: Course deletion: SPH 1021-Listening
(Excluding course credit hour changes)

Submitted by: Dr. Donna R. Vocate

Approved by: Department Head:
Dean of School

Donna R. Vocate
Duncan

Reviewed by: Registrar:
Vice President:

Jimmy Ruedis

If this is a deletion or other minor change, describe and give rationale.

SPH 3003-Interpersonal Communication is required for majors and includes a unit on listening research and skill development. Consequently, this course is no longer needed. This deletion also eliminates an irregular five week course that created scheduling problems for students and faculty members.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11/10/2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) _____

_____ Correct Effective Term

_____ Correct Course Title

_____ Correct Course Level, _____ Correct Course Career

_____ Correct hours (CRED MIN)

_____ Correct Department

_____ Correct CIP Code

_____ Correct Approval Date

_____ NO _____ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

_____ NO _____ YES Cross-listed?

_____ NO _____ YES Co-requisite?

_____ Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit _____ times for a maximum of _____ hours.

Fees attached to class? Amount _____ Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): SPH 1031 Correct End date:

Fee attached? no Course being replaced? no CURR CRS ID completed? no Checked future terms? yes

Screen 125: Add date _____ Delete Date 7-20-2006 By [Signature]

Fee? no Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE—PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Speech, Theatre, & Journalism

Date submitted: 9/23/05

Request for: Course deletion: SPH 1031-Parliamentary Procedures
(Excluding course credit hour changes)

Submitted by: Dr. Donna R. Vocate

Approved by: Department Head:
Dean of School

Donna R. Vocate
Adelman

Reviewed by: Registrar:
Vice President:

Jimmy Rhodes

If this is a deletion or other minor change, describe and give rationale.

This course was originated for students who would be participating on the Forensics Team. This material is now covered when necessary in the Debate Practicum courses. Consequently, this course is no longer needed. This deletion also eliminates an irregular five week course that created scheduling problems for students and faculty members.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: _____ Change course title:

Faculty Senate: Approved date: Oct. 13, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) SPH 3073

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit na times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): SPH 3073 Correct End date:

Fee attached? no Course being replaced? CURR CRS ID completed? none Checked future terms?

Screen 125: Add date 2/23/06 Delete Date 2/23/06 By [Signature]

Fee? no Add to list? na Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Speech, Theatre, and Journalism

Date submitted: April 25, 2005

Request for: Course change X Course deletion _____ Course addition _____

Submitted by: Richard A. Knight, Assistant Professor of Speech *Richard A. Knight*

Approved by: Department Head: *Deanna R. Hecker*
Dean of School: *Anderson*

Reviewed by: Registrar: *Jimmy Kuo*
Vice President:

If this is a deletion or other minor change, describe and give rationale:

**Proposed Course Title Change and Course
Description for SPH 3073: Group Discussion**

Current:

SPH 3073. Group Discussion.

Procedures used in small groups to facilitate the exchange of information, sharing ideas, solving problems, determining policies, and implementing action.

Proposed:

SPH 3073. Group Communication.

Examines theory and procedures used when communicating in groups and teams. Areas of inquiry include principles of group formation and development, working in teams, leadership, conflict management, and discussion methods involving decision-making and policy implementation.

The reason for the proposed change in the course title is that the current title doesn't reflect the focus of the course as a theoretical and practical base for group communication. While group discussion is a large part of the course and will continue to be practiced, it does not adequately describe all of the aspects of group communication that are covered during the semester. The status of the course as a requirement for speech majors shall not change.

The proposed change for the catalog description of the course reflects the actual course content, as opposed to the current description. The current course description details only the discussion aspect of the course.

CURRICULUM COMM
-PASSED 10/7/05

FACULTY SENATE—PASSED SEP 30 2005
11/10/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Speech, Theatre and Journalism

Date Submitted: 9/27/05

Type of Curriculum Change Requested: Minor modification of option (Speech Communication)

Submitted By: Dr. Donna R. Vocate

Approved By: Department Head: *Donna R. Vocate*

Dean of School: *Duncan*

Reviewed By: Registrar: *Gammy Kwades*

Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.
Deleting SPH 1011 and SPH 1021 and adding SPH Electives-2 hours

II. Course Information

A. Rationale for the requested change.

Content of courses is covered in other courses in the curriculum and no longer needed. This deletion also eliminates irregular five week courses that have created scheduling problems for students and faculty members.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

None.

2. Outside the department.

None.

C. Effective date or term.

~~Fall~~ 2006.

Summer I

D. This change has no affect on any other department or program.

Outline in specific detail how your proposal will alter the program (include course number and title):

Fall Start	
Freshman Fall Semester Add/Change: SPH Electives – 2 hours Delete: SPH 1011, SPH 1021 Total Hours: 15	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: SPH Electives – 2 hours Delete: SPH 1011, SPH 1021 Total Hours: 15	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours 30	

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion:

Change course number:

Change course title:

Faculty Senate: Approved date: Nov. 10, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Hist 2153

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? P/F? Other? _____

This course may be repeated for degree credit 0 times for a maximum of _____ hours.

Fees attached to class? Amount NO Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/3/06 Delete Date _____ By [Signature]

Fee? NO Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMMITTEE
PROPOSAL FOR COURSE CHANGE
—PASSED 10/28/05
Arkansas Tech University

ATTACHMENT A
Page 1

To: Curriculum Committee

Date Submitted: 14 February 2005

From: Department of Social Sciences and Philosophy

Request for: Course addition XXXX Course deletion Course change
(Complete Section I) (Complete Sec. II) (Complete Sec. III)

Submitted by: Dr. Tom DeBlack

Approved by: A. M. [Signature] [Signature]
Department Head Tommy Woods Dean of School

SECTION I: Course Addition --- Complete section below and provide information requested at top of page 2 and on page 3.

Recommended Course ID: HIST 2153 Effective Term: Spring 2006

Recommended Short Title (24 characters max): Title used in course inventory and reflected on transcripts and in schedule of courses. Intro Arkansas History

Catalog Title (if different): Introduction to Arkansas History

Prerequisite: HIST 2003 or HIST 2013

Co-requisite: None

Cross-listed with: None

Does change affect a State Minimum Core course? No Normal grading XXX or Pass/Fail

This course may be repeated for degree credit 0 times for a maximum of 3 hours.

Variable hrs options? No

Fees attached to class? No Type of fee Normal maximum enrollment limit: 50

SECTION II: Course Deletion --- Complete this section and attach rationale for deletion.

Course ID (Prefix/Number): Last term to be offered:
Catalog Title: Does course have a fee attached?

SECTION III: Course change --- Complete this section and attach description and rationale for change.

Course ID (Prefix/Number): Effective Term:
Catalog Title: Does course have a fee attached?

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Recommended Course ID: **HIST 2153**
Course Title: **Introduction to Arkansas History**

SECTION IV: Reviewed/Approvals



Registrar

Vice President

Faculty Senate:

Approved date:

Disapproved date:

Graduate Council:

Approved date:

Disapproved date:

Office Use:

Screen 125: Add date Delete Date Change date By

Fee? _____ If yes, sent to Student Accounts (date) By

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

ATTACHMENT A

Page 3

Recommended Course ID: HIST 2153

Course Title: Introduction to Arkansas History

Addition of New Course

I. Catalog description: *Introduction to Arkansas History. An introductory course on the history of Arkansas. Lectures, discussions, and applied activities will be central to this course. This course is a professional education requirement for Early Childhood and Middle Level Education majors, and may not be counted toward the History and Political Science nor the History and Political Science Education degree. Prerequisite: Completion of HIST 2003 or HIST 2013. Students may not take this course after completion of HIST 4153.*

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it? *Arkansas Tech University currently has approximately 500 students who are required to take Arkansas History for teaching certification. Of this number, approximately 400 students are in the area of Early Childhood (Elementary) Education. At present, Tech offers Arkansas History only at the senior level. The proposed course is designed to serve the elementary and middle level education programs. The course would satisfy the requirement by law of the General Assembly of Arkansas that every teacher education student take a course in Arkansas History. This course will not be part of the required or elective curriculum for History and Political Science or History and Political Science Education majors. The relationship between the new proposed HIST 2153 and HIST 4153 should be viewed in the same light as CHEM 1114 and CHEM 2124, MATH 1103 and MATH 1113, PHYS 1114 and PHYS 2114, and so forth.*

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? *The creation of a separate lower-level introductory Arkansas History course will not overlap or replace any other course. The proposed HIST 2153 will be different in both approach and depth from the upper-level HIST 4153. Library holdings are more than adequate to support this course.*

C. Is this course part of any general plan of development within your department? Explain. *Yes. The Department is constantly attempting to strengthen its programs. The return of HIST 4153 to the realm of a true, senior-level course for History and Political Science and History and Political Science majors, will further these improvement efforts. This course will be supervised and assessed by the chair of the Department of Social Sciences and Philosophy, with assistance by the departmental assessment committee. This course strengthens the Department's efforts at achieving the goals established by the History and Political Science Program Objectives – as detailed in the Department of Social Sciences and Philosophy Assessment Plan (Rev. 02/2001) – and the National Council for the Social Studies Matrices.*

D. How often will the course be offered? *Introduction to Arkansas History will be offered each semester.*

E. How will the course be staffed? *Mrs. Jacqueline Ott, a Visiting Lecturer in History, will teach this course when offered. Dr. Tom DeBlack will continue to teach the senior-level Arkansas History course.*

F. How will this course affect other departments' students and offerings? *The creation of an Introduction to Arkansas History will affect the Early Childhood Education and the Middle Level Education programs.*

G. With what other departments have you specifically consulted? *Dr. David Bell, Department of Curriculum and Instruction, has been consulted in this matter.*

Course Syllabus

A. Title: HIST 2153 -- Introduction to Arkansas History

B. Catalogue Description: An introductory course on the history of Arkansas. Lectures, discussions, and applied activities will be central to this course. This course is a professional education requirement for Early Childhood and Middle Level Education majors, and may not be counted toward the History and Political Science nor the History and Political Science Education major. Pre-requisite: Completion of HIST 2003 or HIST 2013. Students may not take this course after completion of HIST 4153.

C. Required Text:

Arkansas: Independent and Proud. An Illustrated History, by C. Fred Williams (American Historical Press, 2002)

D. Course Goals and Objectives:

1. The student will demonstrate knowledge of the geography of Arkansas and an understanding of how geographic factors impact human development.
2. The student will demonstrate knowledge of anthropological, archeological, and ethnographic perspectives toward human society and will demonstrate knowledge of the major Native American cultures in early Arkansas.
3. The student will demonstrate an understanding of concepts of a frontier, of subsistence and plantation economies, and of the impact of geography on social, political, and economic development through a study of antebellum Arkansas.
4. The student will demonstrate knowledge about the Civil War in Arkansas and understanding of the causes and nature of conflict, the nature of government, and social disorder.
5. Students will demonstrate an understanding of the nature of change and continuity, a commercial economy, of social class, redistributive conflict, cultural diversity and race within the context of late nineteenth-century Arkansas.
6. The student will be able to describe reforms in Arkansas in the Progressive era, 1900-1920, ecological/environmental change, and gender as a category of social scientific analysis.
7. Students will demonstrate knowledge of the Great Depression in Arkansas and an understanding of capitalist, Keynesian, and Marxist economic theory in relationship to the Great Depression.
8. Students will be able to identify patterns of political, social, cultural, and economic development in Arkansas in the contemporary era and demonstrate understandings of concepts of civil rights, underdevelopment, and technological change.

E. Key Dispositions and Skills: This course will develop an understanding of and appreciation for community and citizenship. The student will come to understand and appreciate the nature of government, social institutions, democratic values, and human rights. The student will come to appreciate the integrity of ethnic cultures as well as the nature of cultural pluralism and diversity. The students will better understand the relationship between human beings and both technology and the physical environment. This course will develop skills in writing, listening, discussing, synthesizing and analyzing.

F. Course Evaluation: Students will be evaluated using a combination of instruments, including written exams, analysis of non-written artifacts and written primary sources, and an oral history activity.

G. Technology Integration: Students will use computers in writing and research (via the internet). A variety of audio-visual technologies (video, slides, PowerPoint, etc.) will be used in instruction.

H. Select Bibliography:

Dougan, Michael, Dillard, Tom and Nutt, Timothy (1995). *A Bibliography of Arkansas History*. Westport, Cn.: Greenwood.

Trubowitz, Neal and Jeter, Marvin, eds. (1985). *Arkansas Archeology in Review*. Fayetteville: University of Arkansas Press.

Whayne, Jeannie, ed. (1995). *Cultural Encounters in the Early South: Indians and Europeans in Arkansas*. Fayetteville: University of Arkansas Press.

Arnold, Morris (1991). *Colonial Arkansas 1686-1804*. Fayetteville: University of Arkansas Press.

Woods, James (1987). *Rebellion and Realignment: Arkansas's Road to Secession*. Fayetteville: University of Arkansas Press.

Dougan, Michael (1976). *Confederate Arkansas: The People and Policies of a Frontier State in Wartime*. (University, Al.: University of Alabama Press.)

Finley, Randy (1966). *From Slavery to Uncertain Freedom: The Freedmen's Bureau in Arkansas, 1865-1869*. Fayetteville: University of Arkansas Press.

Shea, William and Hess, Earl (1992). *Pea Ridge: Civil War Campaign in the West*. Chapel Hill: University of North Carolina Press.

Moneyhon, Carl (1994). *The Impact of the Civil War and Reconstruction on Arkansas: Persistence in the Midst of Ruin*. Baton Rouge: Louisiana State University Press.

Graves, John (1990). *Town and Country: Race Relations and Urban Development in Arkansas 1865-1900*. Fayetteville: University of Arkansas Press.

Gordon, Fon Louise (1995). *Caste and Class: The Black Experience in Arkansas, 1880-1920*. Athens, Ga.: University of Georgia Press.

Cortner, Richard (1998). *A Mob Intent on Death: The NAACP and the Arkansas Riot Cases*. Middletown, Cn.: Wesleyan University Press

Whayne, Jeannie and Gatewood, Willard, eds. (1993). *The Arkansas Delta: Land of Paradox*. Fayetteville: University of Arkansas Press.

Whayne, Jeannie (1996). *A New Plantation South: Land, Labor, and Federal Favor in Twentieth-Century Arkansas*. Charlottesville: University of Virginia.

Grubbs, Donald (1971). *Cry from the Cotton: The Southern Tenant Farmers' Union and the New Deal*. Chapel Hill: University of North Carolina Press.

Smith, C. Calvin (1986). *War and Wartime Changes: The Transformation of Arkansas, 1940-1945*. Fayetteville: University of Arkansas Press.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____

Change course number: _____ Change course title:

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Hist 3033

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): Hist 3033 Correct End date: DJE

Fee attached? no Course being replaced? no CURR CRS ID completed? Checked future terms?

Screen 125: Add date 7-7-06 Delete Date _____ By RA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE--PASSED
11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

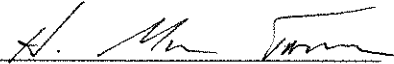
To: Curriculum Committee


From: Social Sciences and Philosophy

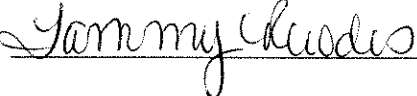
Date submitted: 26 September 2005

Request for: Course Change

Submitted by: Dr. H. Micheal Tarver

Approved by: Department Head: 

Dean of School: 

Reviewed by: Registrar: 

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

This is a course title change only.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: **HIST 3033**

Title for Catalog: **The Early American Republic**

*Title for Course Inventory (24 characters): **Early American Republic**

Description: **The social, cultural, economic, and political climate in which Jeffersonian-Jacksonian democracy developed.**

Effective date or term: **Summer 2006**

*Course fees: NONE

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it?
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? N/A
- C. Is this course part of any general plan of development within your department? Explain. N/A
- D. How often will the course be offered? Once every two years.
- E. How will the course be staffed? Existing departmental faculty.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

This course change does not impact any particular ATU program.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04
**Updated 9/1/05

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) DUPE 4403

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit 0 times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7/25/06 Delete Date _____ By [Signature]

Fee? no Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
- PASSED

FACULTY SENATE- PASSED
11/10/2005
10/28/05
PROPOSAL FOR COURSE CHANGE

ATTACHMENT A

To: Curriculum Committee
From: Social Sciences and Philosophy
Date submitted: 26 September 2005
Request for: Course Change
Submitted by: Dr. H. Micheal Tarver
Approved by: Department Head: [Signature]
Dean of School: [Signature]
Reviewed by: Registrar: [Signature]
Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

This proposal is to add an additional cross-listing to ANTH/PP/MUSM 4403.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: HIST 4403 (Cross-listed as ANTH/PP/MUSM 4403)

Title for Catalog: Interpretation/Education Through Museum Methods

*Title for Course Inventory (24 characters): Museum Methods

Description: Prerequisite: Permission of instructor and department head. Museum perspectives and approaches to care and interpretation of cultural resources, including interpretive techniques of exhibit and education outreach materials, and integrating museum interpretation/education into public school and general public programming. Class projects focus on special problems for managing interpretive materials in a museum setting.

[Signature]
Judith Stewart-Albright
10-12-05

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? **The cross-listing of this course will allow History majors the opportunity to take the Museum course, staffed by the Tech Museum.**
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? **This will be unique course within the undergraduate offerings in the SS&P Department.**
- C. Is this course part of any general plan of development within your department? **No.**
Explain.
- D. How often will the course be offered? **Depends on the Museum staff.**
- E. How will the course be staffed? **Mrs. Judith Stewart-Abernathy will teach this course.**
- F. How will this course change affect other departments' students and offerings? **N/A**
With what other departments have you specifically consulted?

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: _____ Change course title:

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Next 4483

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO ___ YES Cross-listed?
- NO ___ YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): Next 4483 Correct End date: DBE

Fee attached? NO Course being replaced? Same CURR CRS ID completed? Checked future terms?

Screen 125: Add date 7-7-06 Delete Date _____ By RA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE


To: Curriculum Committee


From: Social Sciences and Philosophy

Date submitted: 26 September 2005

Request for: Course Change

Submitted by: Dr. H. Micheal Tarver

Approved by: Department Head: 

Dean of School: 

Reviewed by: Registrar: 

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

This is a course title and description change only (changing from European to World).

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: **HIST 4483 (Cross-listed as HIST 5483)**

Title for Catalog: **World Economic History**

*Title for Course Inventory (24 characters): **World Economic History**

Description: **World Economic History. World Economic History traces the development of the modern global economy from the late middle ages to the present. Special attention is given to the emergence of capitalism in Europe and its migration to other parts of the world. May not be repeated for credit as HIST 5483 or equivalent.**

Effective date or term: **Summer 2006**

*Course fees: NONE

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it?
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? N/A. This course title is similar to the title for ECON 4073 – World Economic Systems – although the content and format of the courses are completely different.
- C. Is this course part of any general plan of development within your department? Explain. N/A
- D. How often will the course be offered? Once every four to five semesters.
- E. How will the course be staffed? Existing departmental faculty.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. Dr. Kevin Mason

Yes

10/11/2005

2.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

This course change does not impact any particular ATU program.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

PROPOSAL FOR COURSE CHANGE

ATTACHMENT A

CURRICULUM COMMITTEE Arkansas Tech University

Page 1

- PASSED 10/26/05

FACULTY SENATE - PASSED

11/10/2005

To: Curriculum Committee

Date Submitted: 15 February 2005

From: Department of Social Sciences and Philosophy

Request for: Course addition (Complete Section I) Course deletion (Complete Sec. II) Course change XXXX (Complete Sec. III)

Submitted by: H. Micheal Tarver

Approved by:

[Signature] Department Head

[Signature] Dean of School

SECTION I: Course Addition --- Complete section below and provide information requested at top of page 2 and on page 3.

Recommended Course ID:

Effective Term:

Recommended Short Title (24 characters max): Title used in course inventory and reflected on transcripts and in schedule of courses.

Catalog Title (if different)

Prerequisite:

Co-requisite:

Cross-listed with:

Does change affect a State Minimum Core course? ___ Normal grading or Pass/Fail ___

This course may be repeated for degree credit ___ times for a maximum of ___ hours.

Variable hrs options?

Fees attached to class?

Type of fee

Normal maximum enrollment limit:

SECTION II: Course Deletion --- Complete this section and attach rationale for deletion.

Course ID (Prefix/Number):

Last term to be offered:

Catalog Title:

Fee attached?

SECTION III: Course change --- Complete this section and attach description and rationale for change.

Course ID (Prefix/Number): HIST4713

Effective Term: SPRING 2006

Catalog Title: Social Studies Methods for Secondary Teachers

Does course have a fee ...? NO

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Course ID: HIST4713
Course Title: Social Studies Methods for Secondary Teachers

SECTION IV: Reviewed/Approvals



Registrar

Vice President

Faculty Senate:

Graduate Council:

Approved date:

Approved date:

Disapproved date:

Disapproved date:

Office Use:

Screen 125: Add date Delete date Change date By

Fee? _____ If yes, sent to Student Accounts (date) By

Change in Course Description: *Due to the nature of this course, the Department of Social Sciences, in consultation with students previously enrolled in HIST 4713, has determined that certain prerequisites are needed. The New Catalog Description below reflects this reality.*

New Catalog Description: *Social Studies Methods for Secondary Teachers. Prerequisites: SEED 2002 and the completion of 36 hours in the Social Sciences. A course in subject-matter applications for secondary teacher education candidates (grades 7-12) in social studies. The course will incorporate a variety of instructional models, activities, and examples, as well as the integration of traditional and nontraditional resource materials. Must be completed prior to student teaching.*

CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Social Sciences and Philosophy

Date Submitted: 1 February 2005

Type of Change Requested: Miscellaneous Change – Creation of Geography Minor

Submitted By: Dr. Micheal Tarver

Approved By:


Department Head


Dean of School

Reviewed By:


Registrar


Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.

Minor in Geography - 18 hours. Students wishing to obtain a minor in Geography must complete:

GEOG 2013: *Regional Geography of the World* AND GEOG 2023: *Human Geography* AND an additional twelve (12) credit hours of Geography electives. No more than three (3) credit hours towards the Geography Minor can be obtained through GEOG 4991-4: *Special Problems in Geography*.

II. Course Information

A. Rationale for the request change. The creation of a Geography minor will allow students who have successfully completed eighteen or more hours in Geography the opportunity to have his/her transcript noted with a statement certifying such accomplishment.

B. What impact will the change have on staffing, on other programs, budget, and space allocation? The creation of a Geography minor should have no noticeable impact on the Social Sciences and Philosophy Department in regards to staffing, budget, or classroom utilization. The minor designation should also have no impact on outside departments.

C. Effective date or term. The Geography minor would become effective with the next available Arkansas Tech University Undergraduate Catalog.

D. When applicable, state with which departments you have specifically coordinated this change? Not Applicable.

CURRICULUM CHECKLIST
FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.

CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Department of Social Sciences and Philosophy

Date Submitted: 15 September 2005

Type of Change Requested: Misc. Change – Addition of Course Option for Philosophy Minor

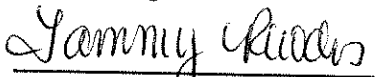
Submitted By: Dr. Micheal Tarver

Approved By:


Department Head


Dean of School

Reviewed By:


Registrar


Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.

Minor in Philosophy - 18 hours. Students wishing to obtain a minor in Philosophy must complete:

PHIL 3103: Logic AND

Any two of the following courses: PHIL 2013: Religions of the World; PHIL 3023: Ethics; PHIL 3033: Esthetics; PHIL 3053: Philosophy of Religion; PHIL 3063: Political Philosophy; **PHIL 4103: Advanced Logic** AND

Any two of the following courses: PHIL 3003: Ancient Philosophy; PHIL 3013: Modern Philosophy; PHIL 3113: Contemporary Philosophy; PHIL 3203: Medieval Philosophy; **PHIL 4093: American Philosophy** AND

3 hours in any additional Philosophy courses. Students must have a minimum 2.00 grade point in their Philosophy courses to be eligible for a Philosophy minor.

II. Course Information

A. Rationale for the request change. The proposed change only adds two existing courses to the minor option of acceptable classes.

B. What impact will the change have on staffing, on other programs, budget, and space allocation? The proposed changes will have no noticeable impact on the Social Sciences and Philosophy Department in regards to staffing, budget, or classroom utilization. The minor designation should also have no impact on outside departments.

C. Effective date or term. The changes to the Philosophy minor would become effective Spring 2006.

D. When applicable, state with which departments you have specifically coordinated this change? Not Applicable.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MA 4903

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-7-06 Delete Date _____ By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Military Science Department

Date submitted: 19 October 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Major Stephen White *Step White*

Approved by: Vice President of Academic Affairs

Reviewed by: Registrar: *Sammy Ruadis*
Vice President:

I. Catalog description: Prerequisite: MS 3503 or MS 4703 and approval of the Professor of Military Science. Advanced Officership I is a special problems course on professional military related topics. The course will emphasize personal and professional goals for officers and related tactics involved in military history.

Number: MS 4903

Title for Catalog: Advanced Officership I

*Title for Course Inventory (24 characters): Adv Officership I

Description: Advanced Officership I is a course of independent research and analysis on professional military topics with an emphasis on personal and professional goals for officers and related tactics involved in military history.

Effective date or term: Fall 2006
Summer I

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? This course will be taken by ROTC scholarship recipients who have completed the military science curriculum but have not yet graduated. They must take a military science course in order to receive their scholarship benefits.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? This course will build on subjects covered during MS 3503, MS 3603, MS4703, MS 4803 and MS 4013, but will not overlap with subjects previously covered.

- C. Is this course part of any general plan of development within your department? Explain.
- D. How often will the course be offered? As needed.
- E. How will the course be staffed? The Professor of Military Science at UCA will teach the course. The Assistant Professor of Military Science at ATU will assist the PMS as needed.
- F. When applicable, state with which departments you have specifically coordinated this change?

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

Course Syllabus for Proposed Advanced Officership I

Catalog Description: Advanced Officership I is a course of independent research and analysis on professional military related topics. Personal and professional goals for officers as well as military history and related tactics involved in military history will be the emphasis of the course.

Required Text: There is no required text for this course. Text and sources will be identified by the student. However, possible references include:

Bonn, Keith E. LTC (2002). Army Officers Guide (49th ed). Mechanicsburg, PA: Stackpole.

Heller, Charles E., & Stofft, William A. (Eds.). (2000). America's First Battles, 1776-1965. Lawrence, KS. University Press of Kansas.

Weigley, Russell F. (1973). The American Way of War: A History of United States Military Strategy and Policy. Bloomington, IN: Indiana University Press.

Army Field Manual 3-0. Operations. 14 June 2001.

Army Field Manual 101.5. Staff Organization and Operations. 31 May 1997.

Prerequisites: Permission of instructor.

Objectives: Students who successfully complete the requirements of this course will be able to:

1. Discuss personal goals as they pertain to military service and education.
2. Research and analyze military campaigns or policies that have shaped the army throughout history.
3. Orally discuss and present a topic that is significant to today's Lieutenants and affects the army as a whole.

Topic: The topics for the paper and oral presentation will be chosen by the cadet and approved by the instructor.

Evaluation:

1. Each cadet will complete a military history research paper. The topic must be approved by the instructor and be pertinent to today's army. The cadet must schedule weekly meetings with the PMS to record progress and discuss problems. Additional meetings may be available if needed. The paper must include a bibliography with appropriate number of sources. The number will be determined by the instructor based on the topic.

2. An oral brief based on a battle non-related to the research paper to include multi-media will be presented. Evaluation will be based on oral presentation, content and media presentation.

Attendance: Weekly contact and progress checks with the instructor are required. Contact may be scheduled more often if needed by the cadet.

Americans with Disabilities Act Statement: Arkansas Tech University adheres to the requirements of the Americans with Disabilities Act. If you need an accommodation under this Act due to a disability, contact the Office of Disability Support Services at 479-968-0302.

Academic Honesty: Standards of academic honesty will be enforced in this course. Plagiarized work, copied from textual sources or another student, may result in failure of the assignment and the course. See also the ATU Student Handbook for Academic Misconduct.

University Policies: Please familiarize yourselves with the academic policies governing students and faculty. These are contained in the ATU Student Handbook.

Course Syllabus for Proposed Advanced Officership I MSL 43XX (4303 suggested)

Instructors Name: Professor of Military Science
Office Location: Meadors Hall, Rm. 101, Ph. 450-5570
Office Hours: To Be Determined

Bulletin Description: Advanced Officership I is a course of independent research and analysis on professional military related topics. Personal and professional goals for officers as well as military history and related tactics involved in military history will be the emphasis of the course.

Required Text: There is no required text for this course. Text and sources will be identified by the student. However, possible references include:

Bonn, Keith E. LTC (2002). Army Officers Guide (49th ed.). Mechanicsburg, PA: Stackpole.

Heller, Charles E., & Stofft, William A. (Eds.). (2000). America's First Battles, 1776-1965. Lawrence, KS: University Press of Kansas.

Weigley, Russell F. (1973). The American Way of War: A History of United States Military Strategy and Policy. Bloomington, IN: Indiana University Press.

Army Field Manual 3-0. Operations. 14 June 2001.

Army Field Manual 101-5. Staff Organization and Operations. 31 May 1997.

Prerequisites: MSL 3301 Leadership and Problem Solving or MSL 4301 Leadership and Management are required.

Objectives: Students who successfully complete the requirements of this course will be able to:

1. Discuss personal goals as they pertain to military service and education.
2. Research and analyze military campaigns or policies that have shaped the army throughout history.
3. Orally discuss and present a topic that is significant to today's Lieutenants and affects the army as a whole.

Topic: The topics for the paper and oral presentation will be chosen by the cadet and approved by the instructor.

Evaluation:

1. Each cadet will complete a military history research paper. The topic must be approved by the instructor and be pertinent to today's army. The cadet must schedule weekly meetings with the PMS to record progress and discuss problems. Additional meetings may be available if

needed. The paper must include a bibliography with appropriate number of sources. The number will be determined by the instructor based on the topic.

2. An oral brief based on a battle non-related to the research paper to include multi-media will be presented. Evaluation will be based on oral presentation, content and media presentation.

Attendance: Weekly contact and progress checks with the instructor are required. Contact may be scheduled more often if needed by the cadet.

Grading: The final grade in MSL 43XX shall be determined by LTC Mitchell.

The cadet will be responsible for meeting all deadlines. Failure to meet deadlines could result in a lower final grade unless determined to be an extreme circumstance by LTC Mitchell. All work must be completed during the semester of enrollment. If extreme circumstances are determined by the instructor and cadet, an X will be assigned and a deadline will be agreed upon by the instructor and the cadet. If the deadline is not met an F will be assigned as the final grade.

Americans with Disabilities Act Statement: The University of Central Arkansas adheres to the requirements of the Americans with Disabilities Act. If you need an accommodation under this Act due to a disability, contact the Office of Disability Support Services at 450-3135.

Academic Honesty: Standards of academic-honesty will be enforced in this course. Plagiarized work, copied from textual sources or another student, may result in failure of the assignment and the course. See also the UCA Student Handbook for Academic Misconduct.

University Policies: Please familiarize yourselves with the academic policies governing students and faculty. These are contained in the UCA Student Handbook.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11-10-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MS 4913

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? P/F? Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-7-06 Delete Date _____ By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
- PASSED 10/28/05

FACULTY SENATE—PASSED

11/10/2005

ATTACHMENT A

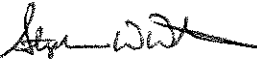
PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Military Science Department

Date submitted: 19 October 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Major Stephen White 

Approved by: Vice President of Academic Affairs

Reviewed by: Registrar: 
Vice President:

I. Catalog description: Prerequisite: MS 3503 or MS 4703 and approval of the Professor of Military Science. Advanced Officership II is a special problems course on professional military topics specifically related to the branches of the US Army. The course will emphasize personal and professional goals for each officer by enhancing their knowledge of their assigned branch and component.

Number: MS 4913

Title for Catalog: Advanced Officership II

*Title for Course Inventory (24 characters): Adv Officership II

Description: Advanced Officership II is a course of independent research and analysis on professional military topics with an emphasis on personal and professional goals for officers as they relate to their branch and component.

Effective date or term: ~~Fall~~ 2006
Summer I

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it? This course will be taken by ROTC scholarship recipients who have completed the military science curriculum but have not yet graduated. They must take a military science course in order to receive their scholarship benefits.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? This course will build on subjects

covered during MS 3503, MS 3603, MS4703, MS 4803 and MS 4013, but will not overlap with subjects previously covered.

- C. Is this course part of any general plan of development within your department? Explain.
- D. How often will the course be offered? As needed.
- E. How will the course be staffed? The Professor of Military Science at UCA will teach the course. The Assistant Professor of Military Science at ATU will assist the PMS as needed.
- F. When applicable, state with which departments you have specifically coordinated this change?

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

Course Syllabus for Proposed Advanced Officership II

Catalog Description: Advanced Officership II is a course of independent research and analysis on professional military topics specifically related to the branches of the US Army. Personal and professional goals for officers as well as military history and branch-related tactics involved in military history will be the emphasis of the course.

Required Text: There is no required text for this course. Text and sources will be identified by the student. However, possible references include:

- Bonn, Keith E. LTC (2002). Army Officers Guide (49th ed). Mechanicsburg, PA: Stackpole.
- Heller, Charles E., & Stofft, William A. (Eds.). (2000). America's First Battles, 1776-1965. Lawrence, KS. University Press of Kansas.
- Weigley, Russell F. (1973). The American Way of War: A History of United States Military Strategy and Policy. Bloomington, IN: Indiana University Press.
- Army Field Manual 3-0. Operations. 14 June 2001.
- Army Field Manual 101.5. Staff Organization and Operations. 31 May 1997.

Prerequisites: Permission of instructor.

Objectives: Students who successfully complete the requirements of this course will be able to:

4. Discuss personal goals within the cadet's branch as they pertain to military service and education.
5. Research and analyze the military campaigns or policies related to their branch and how it brought about the branch and shaped it throughout history.
6. Orally discuss and present a topic that is significant to today's Lieutenants within their chosen branch and the army as a whole.

Topic: The topics for the paper and oral presentation will be chosen by the cadet and approved by the instructor.

Evaluation:

3. An oral brief based on a battle non-related to the research paper to include multi-media will be presented. Evaluation will be based on oral presentation, content and media presentation.

4. An oral brief based on a non-related battle to the research paper to include multi-media will be presented. The topic must correspond to the branch the cadet is entering. Weekly contact and progress checks with the instructor will be made throughout the course. Contact may be scheduled more often if needed by the cadet.

Attendance: Weekly contact and progress checks with the instructor are required. Contact may be scheduled more often if needed by the cadet.

Americans with Disabilities Act Statement: Arkansas Tech University adheres to the requirements of the Americans with Disabilities Act. If you need an accommodation under this Act due to a disability, contact the office of Disability Support Services at 479-968-0302.

Academic Honesty: Standards of academic honesty will be enforced in this course. Plagiarized work, copied from textual sources or another student, may result in failure of the assignment and the course. See also the ATU Student Handbook for Academic Misconduct.

University Policies: Please familiarize yourselves with the academic policies governing students and faculty. These are contained in the ATU Student Handbook.

Course Syllabus for Proposed Advanced Officership II MSL 43XX (4313 suggested)

Instructors Name: Professor of Military Science
Office Location: Meadors Hall, Rm. 101, Ph. 450-5570
Office Hours: To Be Determined

Bulletin Description: Advanced Officership II is a course of independent research and analysis on professional military topics specifically related to the branches of the US Army. Personal and professional goals for officers as well as military history and branch-related tactics involved in military history will be the emphasis of the course.

Required Text: There is no required text for this course. Text and sources will be identified by the student. However, possible references include:

Bonn, Keith E. LTC (2002). Army Officers Guide (49th ed.). Mechanicsburg, PA: Stackpole.

Heller, Charles E., & Stofft, William A. (Eds.). (2000). America's First Battles, 1776-1965. Lawrence, KS: University Press of Kansas.

Weigley, Russell F. (1973). The American Way of War: A History of United States Military Strategy and Policy. Bloomington, IN: Indiana University Press.

Army Field Manual 3-0. Operations. 14 June 2001.

Army Field Manual 101-5. Staff Organization and Operations. 31 May 1997.

Prerequisites: MSL 3301, Leadership and Problem Solving or MSL 4301, Leadership and Management.

Objectives: Students who successfully complete the requirements of this course will be able to:

1. Discuss personal goals within the cadet's branch as they pertain to military service and education.
2. Research and analyze the military campaigns or policies related to their branch and how it brought about the branch and shaped it throughout history.
3. Orally discuss and present a topic that is significant to today's Lieutenants within their chosen branch and the army as a whole.

Topic: The topics for the paper and oral presentation will be chosen by the cadet and approved by the instructor.

Evaluation:

1. An oral brief based on a battle non-related to the research paper to include multi-media will be presented. Evaluation will be based on oral presentation, content and media presentation.

2. An oral brief based on a non-related battle to the research paper to include multi-media will be presented. The topic must correspond to the branch the cadet is entering. Weekly contact and progress checks with the instructor will be made throughout the course. Contact may be scheduled more often if needed by the cadet.

Attendance: Weekly contact and progress checks with the instructor are required. Contact may be scheduled more often if needed by the cadet.

Grading: The final grade in MSL 43XX shall be determined by the PMS.

The cadet will be responsible for meeting all deadlines. Failure to meet deadlines could result in a lower final grade unless determined to be an extreme circumstance by the PMS. All work must be completed during the semester of enrollment. If extreme circumstances are determined by the instructor and cadet, an X will be assigned and a deadline will be agreed upon by the instructor and the cadet. If the deadline is not met an F will be assigned as the final grade.

Americans with Disabilities Act Statement: The University of Central Arkansas adheres to the requirements of the Americans with Disabilities Act. If you need an accommodation under this Act due to a disability, contact the Office of Disability Support Services at 450-3135.

Academic Honesty: Standards of academic honesty will be enforced in this course. Plagiarized work, copied from textual sources or another student, may result in failure of the assignment and the course. See also the UCA Student Handbook for Academic Misconduct.

University Policies: Please familiarize yourselves with the academic policies governing students and faculty. These are contained in the UCA Student Handbook.

Advanced Officership I and II Departmental Placement

Department of Military Science

UNIVERSITY OF CENTRAL ARKANSAS



201 Donaghey Avenue
Conway, Arkansas 72035
Phone: (501) 450-3145
Fax: (501) 450-3160
Email: Mitchell@uca.edu

MEMORANDUM TO: Chair, Curriculum Committee

FROM: LTC Michael J. Mitchell *WJA*
Chair, Department of Military Science
Meadors Hall, Room 101

DATE: August 17, 2004

SUBJECT: Curriculum Change: New Course Proposals

The Department of Military Science is requesting two new courses be added to the undergraduate bulletin. Both courses are independent study and are taught by the Department Chair. Advanced Officership I focuses on military history, as well as the students personal and professional goals. Advanced Officership II focuses on the history of the cadet's branch designation such as the Military Police Corps, Infantry, or Army Nurse Corps. This course will also focus on the cadet's personal and professional development as it relates to their assignment to Active, Reserve or National Guard duty.

Should you have any questions please feel free to contact me at 450-5570, or via email at Mitchell@uca.edu.

Advanced Officership I and II Departmental Placement

A. Why is this course being proposed? How does it advance the departmental goals and objectives?

The Department of Military Science believes it is important to add two semesters of courses that will allow cadets, who are not on a four year tract, to continue their military education while finishing their degrees. As it stands, many cadets graduate in 4 ½ or 5 years. This leaves them with one or two semesters when we could advance their military education and put them ahead of other officers in the Officer's Basic Course. By allowing them to take the two additional courses, we can go into more depth concerning career progression. We can take more time with these cadets individually to attempt to guide them in order to make them better Lieutenants and hopefully map their careers up through Major and Lieutenant Colonel. Each cadet has a different goal in reference to where they see their career in 20 years. It is our goal to provide this type of counseling before they even become Lieutenants.

Our other concern is our scholarship cadets. When a cadet goes past four years, the cadet must apply for an education extension to finish and continue receiving the scholarship. Since the Army pays the scholarship, we feel it will be better for the cadets to have access to military science courses during the extension process. Many only need 6-9 hours to finish and we would like to augment their studies with military classes to give them full time status also facilitating the extension. This is especially important for our nurses. This Military Science program is one of the leaders in the country for Army nurses and we want to continue building on that for the military as well as the University.

B. For which degree(s) is this course a requirement or an elective?

The courses will count as an elective toward the Military Science Minor.

C. Describe the adequacy of the library resources to support this course.

We do not foresee any shortfalls in the University library system to sustain this course. We already have an abundance of Military History resources. Since the University already offers a Military History course the list of references is already extensive and independent study is attainable.

D. Will this course normally be held on campus?

The course will be held in Meadors Hall on campus. The instructor will be the Professor of Military Science. The Professor of Military Science now teaches the MSL 4301 class in the fall and 4302 class in the spring.

E. Is this course a part of a new program or of a projected new program? No

F. Will this course replace another course that will be deleted from the departmental schedule? No

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE-PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Social Sciences and Philosophy

Date submitted: 26 September 2005

Request for: Course Addition

Submitted by: Major Stephen White *Step White*

Approved by: Department Head: *H. M. [Signature]*

Dean of School: _____

Reviewed by: Registrar: *Jammy [Signature]*

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

~~This change only entails the cross-listing of HHST 4013 as MS4013. The cross-listing of American Military History will allow the Military Science program staff the ability to offer the course when the Department of Social Sciences and Philosophy does not have the course on its schedule. Currently, the Military Science Program requires all of its majors to take the course, although staffing is not possible among the History faculty to offer the course more than once every two years.~~

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: MS 4013

Title for Catalog: United States Military History

*Title for Course Inventory (24 characters): U.S. Military History

Description: *Permission of instructor.*
A study of the American military from its colonial origins to the present, including the development of the military establishment and its relationship with American society.

Effective date or term: Spring 2006

*Course fees: NONE

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? American Military History is a required course for the ROTC program. This course will allow the cadets to complete this requirement when the course is not offered by the History faculty.
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? N/A
- C. Is this course part of any general plan of development within your department? Explain. N/A
- D. How often will the course be offered? Once every two years by the ROTC faculty.
- E. How will the course be staffed? Major Stephen White.
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1.

2.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

U.S. MILITARY HISTORY

U.S. Military History. A study of the American military from its colonial origins to the present, including the development of the military establishment and its relationship to American society.

INSTRUCTOR:

OFFICE HOURS:

TEXT: Allan R. Millett & Peter Maslowski, *For the Common Defense: A Military History of the United States of America*

BIBLIOGRAPHY: Your text book has a basic introductory bibliography. In addition there are extensive bibliographies in both Pendergraft Library and online relating to U.S. military history.

**JUSTIFICATION/
OBJECTIVE:**

Study of U.S. Military History introduces the student to military history through the wars that have involved the United States. All U.S. wars will be covered, with most detail given to the Revolution, the Civil War and World War II. In addition to U.S. wars themselves, the student gains knowledge of political, economic and cultural institutions and issues which have shaped the American military and society.

TESTS: There will be three tests given during this course, each counting 100 points. These three tests include the final. Tests will be announced one week in advance, and will consist of at least two essay questions, identification and multiple-choice. Tests are a solitary activity, not to be supported by any written, cribbed or group endeavors.

MAKE-UP TESTS: If you are ill, or in the midst of a true emergency, please call my office BEFORE the test. If you have good reason, you may miss the test and take a make-up test. However, you should be aware that the make-up test is different in content to the test give in class. A make-up test is made up of three essays questions, each one worth 20 points, and 20 identifications worth 40 points, to be taken in not more than one hour and 15 minutes.

CELL PHONES: Turn your cell phone off while in class. Ringing or buzzing cell phones will not be tolerated. Neither are you to text message or take pictures. If you do this, I will take your cell phone and turn it over to Student Affairs for you to retrieve after discussion. The same applies to MP3 players, Blackberries, etc. Cell phones on your desk or visible during a test will not be tolerated.

ABSENCES: Roll will be taken before each class. If you miss class due to a university excused event please show me this excuse **BEFORE** you miss class. I do not automatically drop a student after three cuts. It is, however, in your own best interests to attend class. At the end of the semester I will refer to your number of cuts in determining your grade. If you are one or two points from the next highest grade, and have in excess of 3 cuts, better luck next time.

WORDS TO THE WISE: In this class, as in any class, it behooves a student to attend class regularly, take notes and study for the tests.

OUTSIDE WORK: There will be no assigned term paper in this class. My recent experience with assigned term papers was quite dismal. I have unfortunately received written proof that few of you know how to write a term paper. Instead, we will do five exercises this semester that will hopefully teach you the process. All of you will work on the same topic, which will be the Evacuation of Dunkirk during World War II. There are both secondary and primary sources available on this topic in the library, and some online. You have to work on the same topic so that I have some control over what you are doing, so do not ask to work on a different topic. These exercises will be worth 20 points each, for a total of 100 points. These exercises will include definition of sources, location of sources, plagiarism, footnoting in the Chicago short-form style, and also some writing to teach you how to use sources to write your OWN text. Obviously you cannot wait until the day before the exercise is due to begin thinking about it, much less writing it. These exercises will be spaced over the semester. When each exercise is due, I will give you the assignment sheet for the next exercise and its due date. Find a space to keep these assignment sheets and your graded exercises together so you can locate them at any time. Writing a term paper is a cumulative experience and you will use what you have learned from each exercise in preparing the next one. It is therefore important that you have all your assignments and graded exercises to hand

before you begin the newest assignment. Please note that combined these exercises equal a test in number of points possible.

ASSIGNMENT ONE:

The first assignment is both the simplest one, and at the same time contains some of the hardest lessons to learn. The assignment is definitions. If you have access to a computer please use it on all assignments. Double space.

1. Write a definition of the term *Primary Source*. First, learn what a primary source is, and write a definition of the term which is at least five lines long. Basically, I want a paragraph. In addition, list at **least** ten examples of different types of primary source. BE VERY SURE that your examples are, in fact, primary sources. If you are unsure whether your example is a primary source, go back and do further reading on the definition of the term.
2. Write a definition of the term *Secondary Source*. First, learn what a secondary source is, and write a definition of the term which is at least five lines long. Basically, I want a paragraph. In addition, list at **least** ten examples of different types of secondary sources. BE VERY SURE that your examples are, in fact, secondary sources. If you are unsure whether your example is a secondary source, go back and do further reading on the definition of the term.
3. Write a definition of the term *plagiarism*. It would be wise to locate and read multiple discussions on plagiarism before attempting a definition. This definition should be at **least** ten lines long, a substantial paragraph. Give at least three examples of plagiarism, in addition to your definition.
4. Place your name, the date, and U.S. Military History in the upper right hand corner of the assignment.
5. The heading of the assignment is simply:
ASSIGNMENT ONE
Definitions
6. Do not leave this assignment until the night before it is due. It is more difficult than it would appear, and will require some thought, consideration and reconsideration on your part.

12/8/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date Submitted: September 30, 2005

Type of Curriculum Change Requested: (*Addition of new program, option, or minor)
(*Program, option, or minor deletion)
(*Program, option, or minor modification)
X (Course credit hour change)
X (Miscellaneous change)

Submitted By: Willy Hoefler

Approved By: Department Head: *Willy Hoefler*

Dean of School: *John Watson*

Reviewed By: Registrar: *Jammy Ukualis*

by Pam Dixon

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

Add two hours of lab and/or change course numbers for the following courses:

Old Number	New Number
AGAS 1013	AGAS 1014
AGAS 3003	AGAS 3004
AGAS 3013	AGAS 3014
AGAS 3103	AGAS 3104
AGPS 3023	AGPS 3024
AGPS 3043	AGPS 3044
AGPS 3063	AGPS 306 3 4
AGPS 3073	AGPS 307 3 4

Add the following to the course description for all the above listed courses:

laboratory two hours.

II. Course Information

A. Rationale for the requested change.

One of the agriculture department's goals is to take classroom knowledge and apply it in a hands-on setting. Students who enroll in these courses will be able to gain valuable hands-on experience.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

These proposed changes will have no impact on other departmental programs or space allocation. Although the department is short one animal science faculty, the animal science courses are still being covered by overloads or adjunct faculty. A request is being submitted for the addition of a second animal science faculty member. There is sufficient faculty to cover all the other courses. Currently, the budget is sufficient to cover the proposed courses. However, as these labs develop and enrollment increases, a request will be submitted for an increase to the department's operating budget or a lab fee request will be made to help cover the cost of the labs.

2. Outside the department.

These proposed changes should have no impact on outside department's staffing, budget or space allocation.

C. Effective date or term.

Summer 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:

Indicate Support
for Proposal

Date:

(Add to list as needed)

(yes/no)

1. None

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

Current Description:

AGAS 1013 Principles of Animal Science

A study of the American livestock industry and the scientific principles underlying the management and production of livestock and poultry. Lecture three hours.

Proposed description:

AGAS 1014 Principles of Animal Science

A study of the American livestock industry and the scientific principles underlying the management and production of livestock and poultry. Lecture three hours, **laboratory two hours.**

Current Description:

AGAS 3003 Reproduction in Farm Animals

Prerequisite: AGAS 1013 or consent of instructor. Anatomy and physiology of the reproductive system of farm animals: to include a study of the causes of reproductive failure, management to improve reproductive efficiency, and practical training in pregnancy testing and artificial insemination of cattle. Lecture three hours.

Proposed Description:

AGAS 3004 Reproduction in Farm Animals

Prerequisite: AGAS 1014 or consent of instructor. Anatomy and physiology of the reproductive system of farm animals: to include a study of the causes of reproductive failure, management to improve reproductive efficiency, and practical training in pregnancy testing and artificial insemination of cattle. Lecture three hours, **laboratory two hours.**

Current Description:

AGAS 3013 Beef Cattle Management

Prerequisite: AGAS 1013 or consent. A study of practices in management of beef cattle including breeding, feeding, care and marketing, with emphasis in the south. Three lecture hours.

Proposed Description:

AGAS 3014 Beef Cattle Management

Prerequisite: AGAS 1014 or consent of instructor. A study of practices in management of beef cattle including breeding, feeding, care and marketing, with emphasis in the south. Three lecture hours, **laboratory two hours.**

Current Description:

AGAS 3103 Swine Management

Prerequisite: AGAS 1013 or consent of instructor. A study of current practices during the farrowing, growing, and finishing phases of swine production. Topics covered include housing, feeding, scheduling, reproduction, disease-control, and waste disposal. Lecture three hours.

Proposed Description:

AGAS 3104 Swine Management

Prerequisite: AGAS 1014 or consent of instructor. A study of current practices during the farrowing, growing, and finishing phases of swine production. Topics covered include housing, feeding, scheduling, reproduction, disease-control, and waste disposal. Lecture three hours, **laboratory two hours.**

Current Description:

AGPS 3023 Forage Crop and Pasture Management.

Perquisite: Junior standing or consent of instructor. Selection, culture, production, distribution and uses of pasture and forage plants: management problems in hay and silage; emphasis on utilization and improvement of pasture. Lecture three hours.

Proposed Description:

AGPS 3024 Forage Crop and Pasture Management.

Perquisite: AGPS 1003, junior standing or consent of instructor. Selection, culture, production, distribution and uses of pasture and forage plants: management problems in hay and silage; emphasis on utilization and improvement of pasture. Lecture three hours, **laboratory two hours.**

Current Description:

AGPS 3043 Plant Propagation

Prerequisite: Junior standing or consent of instructor. A study of the principles and practices in the propagation of herbaceous and woody indoor plants and flowers. Lecture three hours.

Proposed Description:

AGPS 3044 Plant Propagation

Prerequisite: AGPS 1024, junior standing or consent of instructor. A study of the principles and practices in the propagation of herbaceous and woody indoor plants and flowers. Lecture three hours, **laboratory two hours.**

Current Description:

AGPS 3063 Vegetable Growing

Prerequisite: Junior standing or consent of instructor. The application of scientific facts and principles that were involved in the successful production of vegetables undercover and/or in the open. Lecture three hours.

Proposed Description:

AGPS 3064 Vegetable Growing

Prerequisite: AGPS 1024, junior standing or consent of instructor. The application of scientific facts and principles that were involved in the successful production of vegetables undercover and/or in the open. Lecture three hours, **laboratory two hours**.

Current Description:

AGPS 3073 Floriculture

Prerequisite: Junior standing or consent of instructor. Commercial production and marketing of major cut flower crops, bedding plants, and flowering pot plants under cover and/or in the open. Lecture three hours.

Proposed Description:

AGPS 307⁴₃ Floriculture

Prerequisite: AGPS 1024, junior standing or consent of instructor. Commercial production and marketing of major cut flower crops, bedding plants, and flowering pot plants under cover and/or in the open. Lecture two hours, **laboratory two hours**.

**CURRICULUM CHECKLIST
FOR EDITING CURRICULAR CHANGE PROPOSALS**

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Willy Hoefla

Department Head

9-30-05

Date

*Added 9/1/05

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: Change course title: _____

Faculty Senate: Approved date: Dec. 8, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGAS 1014

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)
- NO YES Cross-listed?
- NO YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGAS 1013 Correct End date:

Fee attached? no Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date 2/13/05 Delete Date 2/13/05 By DJ Evans

Fee? no Add to list? na Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: Change course title: _____

Faculty Senate: Approved date: Dec. 8, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGAS 3004

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGAS 3003 Correct End date:

Fee attached? no Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date 2/13/06 Delete Date 2/13/06 By DJ Evans

Fee? no Add to list? no Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: Change course title: _____

Faculty Senate: Approved date: Dec. 8, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGAS 3104

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGAS 3103 Correct End date:

Fee attached? no Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date 2/13/06 Delete Date 2/13/06 By [Signature]

Fee? no Add to list? no Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

5

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 12-8-05 **Graduate Council:** Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGAS 3014

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- ___ NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)
- NO ___ YES Cross-listed?
- NO ___ YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-10-06 Delete Date _____ By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: Change course title: _____

Faculty Senate: Approved date: Dec. 8, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGPS 3024

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGPS 3023 Correct End date:

Fee attached? no Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date 2/13/06 Delete Date 2/13/06 By [Signature]

Fee? no Add to list? na Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number: ✓

Change course title: _____

Faculty Senate: Approved date: 12-8-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGPS 3044

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? P/F? Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGPS 3043 Correct End date:

Fee attached? no Course being replaced? CURR CRS ID completed? yes Checked future terms? *10/2*

Screen 125: Add date 7-10-06 Delete Date 7-10-06 By LA

Fee? no Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: Change course title: _____

Faculty Senate: Approved date: 12-8-05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGPS 3064

- Correct Effective Term
 - Correct Course Title
 - Correct Course Level, Correct Course Career
 - Correct hours (CRED MIN)
 - Correct Department
 - Correct CIP Code
 - Correct Approval Date
 - ___ NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)
 - NO ___ YES Cross-listed?
 - NO ___ YES Co-requisite?
 - Normal grading? _____ P/F? _____ Other? _____
- This course may be repeated for degree credit NA times for a maximum of _____ hours.
- Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGPS 3063 Correct End date:

Fee attached? NO Course being replaced? CURR CRS ID completed? yes Checked future terms?

Screen 125: Add date 7-10-06 Delete Date 7-10-06 By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____
Change course number: Change course title: _____

Faculty Senate: Approved date: Dec. 8, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) AGPS 3074

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

___ NO YES Replacing Another Course? (PREV CRS/END DATES) completed?
(Not necessary if same course number, name change only)

NO ___ YES Cross-listed?

NO ___ YES Co-requisite?

Normal grading? ___ P/F? ___ Other? _____

This course may be repeated for degree credit NO times for a maximum of _____ hours.

Fees attached to class? Amount na Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): AGPS 3073 Correct End date:

Fee attached? NO Course being replaced? CURR CRS ID completed? Checked future terms?

Screen 125: Add date 2/13/06 Delete Date 2/13/06 By DJG

Fee? NO Add to list? na Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 11/18/05

FACULTY SENATE--PASSED

12/8/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date submitted: September 30, 2005

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Willy Hoefler *Willy Hoefler*

Approved by: Department Head: _____
Dean of School *[Signature]*

Reviewed by: Registrar: *Yammy Klodis*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If all the new course and/or course change proposals are approved, than the new course descriptions should read as follows (See Attached Sheets, description changes are underlined)

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number:

Title for Catalog:

*Title for Course Inventory (24 characters):

Description:

Effective date or term:

*Course fees:

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?
- C. Is this course part of any general plan of development within your department? Explain.
- D. How often will the course be offered?
- E. How will the course be staffed?
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04
**Updated 9/1/05

Agricultural Animal science

Current Description:

AGAS 1013 Principles of Animal Science

A study of the American livestock industry and the scientific principles underlying the management and production of livestock and poultry. Lecture three hours.

Proposed description:

✓ **AGAS 1014 Principles of Animal Science**

A study of the American livestock industry and the scientific principles underlying the management and production of livestock and poultry. Lecture three hours, laboratory two hours.

Current Description:

AGAS 2083 Feed and Feeding

Prerequisite: AGAS 1013, CHEM 1114 or consent of instructor. Principles of animal nutrition, characteristics of feed ingredients, feeding strategies, and formation of rations for farm animals. Lecture three hours.

Proposed Description:

✓ **AGAS 2083 Feed and Feeding**

Prerequisite: AGAS 1014, CHEM 1114 or consent of instructor. Principles of animal nutrition, characteristics of feed ingredients, feeding strategies, and formation of rations for farm animals. Lecture three hours.

Current Description:

AGAS 3003 Reproduction in Farm Animals

Prerequisite: AGAS 1013 or consent of instructor. Anatomy and physiology of the reproductive system of farm animals: to include a study of the causes of reproductive failure, management to improve reproductive efficiency, and practical training in pregnancy testing and artificial insemination of cattle. Lecture three hours.

Proposed Description:

✓ **AGAS 3004 Reproduction in Farm Animals**

Prerequisite: AGAS 1014 or consent of instructor. Anatomy and physiology of the reproductive system of farm animals: to include a study of the causes of reproductive failure, management to improve reproductive efficiency, and practical training in pregnancy testing and artificial insemination of cattle. Lecture three hours, laboratory two hours.

Current Description:

AGAS 3013 Beef Cattle Management

Prerequisite: AGAS 1013 or consent. A study of practices in management of beef cattle including breeding, feeding, care and marketing, with emphasis in the south. Three lecture hours.

Proposed Description:

✓ **AGAS 3014 Beef Cattle Management**

Prerequisite: AGAS 1014 or consent of instructor. A study of practices in management of beef cattle including breeding, feeding, care and marketing, with emphasis in the south. Three lecture hours, laboratory two hours.

Current Description:

3103

AGAS 3013 Swine Management

Prerequisite: AGAS 1013 or consent of instructor. A study of current practices during the farrowing, growing, and finishing phases of swine production. Topics covered include housing, feeding, scheduling, reproduction, disease-control, and waste disposal. Lecture three hours.

Proposed Description:

3104

✓ **AGAS 3014 Swine Management**

Prerequisite: AGAS 1014 or consent of instructor. A study of current practices during the farrowing, growing, and finishing phases of swine production. Topics covered include housing, feeding, scheduling, reproduction, disease-control, and waste disposal. Lecture three hours, laboratory two hours.

Current Description:

AGAS 3113 Light Horse Production

Prerequisite: AGAS 1013 or consent of instructor. A study of breeding, feeding, management, and disease-control practices in light horse production. Lecture three hours.

Proposed Description:

✓ **AGAS 3113 Light Horse Production**

Prerequisite: AGAS 1014 or consent of instructor. A study of breeding, feeding, management, and disease-control practices in light horse production. Lecture three hours.

Agricultural Business and Economics

Proposed Description (New Course):

AGBU 1013 Principles of Agricultural Business

Overview of the economic theories associated with the production, consumption, and marketing of agricultural products, and with the policies designed to achieve efficiency and welfare goals in agriculture. Lecture three hours.

Current Description:

AGBU 2063 Principles of Agricultural Macroeconomics

Fall. A study of macroeconomic variables that affect agriculture with emphasis on consumption, unemployment, inflation, government spending and taxes, investments, national income, and money and banking. Lecture three hours.

Proposed Description:

✓ **AGBU 2063 Principles of Agricultural Macroeconomics**

Prerequisite: AGBU 1013. A study of macroeconomic variables that affect agriculture with emphasis on consumption, unemployment, inflation, government spending and taxes, investments, national income, and money and banking. Lecture three hours.

Current Description

AGBU 2073 Principles of Agricultural Microeconomics

Spring. A study of microeconomic variables that affect agriculture with emphasis on price determination, production, cost, income distribution, perfect and imperfect competition. Lecture three hours.

Proposed Description:

✓ **AGBU 2073 Principles of Agricultural Microeconomics**

Prerequisite: AGBU 1013. A study of microeconomic variables that affect agriculture with emphasis on price determination, production, cost, income distribution, perfect and imperfect competition. Lecture three hours.

Proposed Description (New Course):

AGBU 3213 Career Development in Agriculture

Prerequisite: Junior standing. Study of the professional opportunities and responsibilities associated with agricultural business careers. Interaction with professionals in the chosen career along with development and improvement of written communication, oral communication, and leadership skills. Lecture three hours.

Current Description:

AGBU 4003 AGRI-Business Management

Prerequisite: Junior standing, or consent of the instructor. A study of the managerial practices and procedures that apply to all agricultural businesses. Emphasis is placed on the use and application of management and economical principles in decision making directed toward profit maximization. Lecture three hours.

Proposed Description:

✓ **AGBU 4003 AGRI-Business Management**

Prerequisite: AGBU 1013, junior standing, or consent of the instructor. A study of the managerial practices and procedures that apply to all agricultural businesses. Emphasis is placed on the use and application of management and economical principles in decision making directed toward profit maximization. Lecture three hours.

Current Description:

AGBU 4023 Agricultural Finance

Prerequisite: AGBU 2063 and 2073, or consent of instructor. Designed as an economic study of the acquisition and use of capital in agriculture. Analytical procedures are used to determine how to allocate capital among alternative uses and to determine the amount of capital that can safely be used. Lending institutions are analyzed as to their purpose and efficiency in serving the agricultural sector of the economy. Lecture three hours.

Proposed Description:

✓ **AGBU 4023 Agricultural Finance**

Prerequisite: AGBU 2063 and 2073, or consent of instructor. Designed as an economic and accounting study of the processes in agricultural businesses. Manufacturing costs, income tax, managerial reports, cash flow, and statement analysis of agricultural businesses along with capital allocation and the purpose and efficiency of agricultural lending institutions are analyzed. Lecture three hours.

Proposed Description (New Course):

AGBU 4053 Agricultural Price Analysis

Prerequisite: AGBU 2063 and 2073. Study of the trends, cycles, and seasonal patterns associated with agricultural markets and institutional arrangements. Graphical and statistical analysis of commodity data and the fundamentals of agricultural futures markets are covered. Lecture three hours.

Proposed Description (New Course)

AGBU 4063 Agricultural Investments

Prerequisites: AGBU 2063 and AGBU 2073, junior standing or consent of instructor. An in-depth analysis of the investment opportunities available in the field of agriculture. Emphasis will be on investment in stocks, bonds, agricultural commodities, futures hedging, and international currencies. Students will be required to create and maintain a diversified investment portfolio with weekly monitoring of their chosen investments. Lecture three hours.

Agricultural Engineering/Mechanization

Current Description

AGEG 3413 Agricultural Waste Management

Prerequisites: MATH 1113, CHEM 1114, and AGSS 2013. A study of potential adverse environmental quality problems associated with agricultural operations, current trends and innovative solutions to waste management problems, and current legal constraints and regulating agencies. Lecture three hours.

Proposed Change:

AGEG 3413 Agricultural Waste Management

Prerequisites: MATH 1113, CHEM 1114, and AGSS 2014. A study of potential adverse environmental quality problems associated with agricultural operations, current trends and innovative solutions to waste management problems, and current legal constraints and regulating agencies. Lecture three hours.

Agricultural Plant Science

Current Description:

AGPS 1003 Field Crops

Nature, importance, ecology, management growth characteristics, fundamental principles of production. Lecture three hours.

Proposed Description:

AGPS 1003 Principles of Crop Science

A study of the origin, structure, importance, and production of the major agronomic crops, including a general description of plant biology and their interactions with climate, soil, and pests. Lecture three hours.

Current Description:

AGPS 1023 General Horticulture

Principles and practices in propagation of plants, sexual and asexual reproduction methods; construction and management of greenhouses. Lecture three hours.

Proposed Description:

AGPS 1024 Principles of Horticulture

Principles and practices in propagation of plants, sexual and asexual reproduction methods, construction and management of greenhouses. Lecture three hours, laboratory two hours.

Current Description:

AGPS 3023 Forage Crop and Pasture Management

Prerequisite: Junior standing or consent of instructor. Selection, culture, production, distribution and uses of pasture and forage plants: management problems in hay and silage; emphasis on utilization and improvement of pasture. Lecture three hours.

Proposed Description:

✓ **AGPS 3024 Forage Crop and Pasture Management.**

Prerequisite: AGPS 1003, junior standing or consent of instructor. Selection, culture, production, distribution and uses of pasture and forage plants: management problems in hay and silage; emphasis on utilization and improvement of pasture. Lecture three hours, laboratory two hours.

Current Description:

AGPS 3043 Plant Propagation

Prerequisite: Junior standing or consent of instructor. A study of the principles and practices in the propagation of herbaceous and woody indoor plants and flowers. Lecture three hours.

Proposed Description:

✓ **AGPS 3044 Plant Propagation**

Prerequisite: AGPS 1024, junior standing or consent of instructor. A study of the principles and practices in the propagation of herbaceous and woody indoor plants and flowers. Lecture three hours, laboratory two hours.

Current Description:

AGPS 3053 Weeds and Weed Control

Prerequisite: Junior standing or consent of instructor. Identification, growth habits, and methods of control for weeds. Lecture three hours.

Proposed Description:

✓ **AGPS 3053 Weeds and Weed Control**

Prerequisite: AGPS 1024, junior standing or consent of instructor. Identification, growth habits, and methods of control for weeds. Lecture three hours.

Current Description:

AGPS 3063 Vegetable Growing

Prerequisite: Junior standing or consent of instructor. The application of scientific facts and principles that are involved in the successful production of vegetables undercover and/or in the open. Lecture three hours.

Proposed Description:

✓ **AGPS 3064 Vegetable Growing**

Prerequisite: AGPS 1024, junior standing or consent of instructor. The application of scientific facts and principles that are involved in the successful production of vegetables undercover and/or in the open. Lecture three hours, laboratory two hours.

Current Description:

AGPS 3073 Floriculture

Prerequisite: Junior standing or consent of instructor. Commercial production and marketing of major cut flower crops, bedding plants, and flowering pot plants under cover and/or in the open. Lecture three hours.

Proposed Description:

✓ **AGPS 307⁴ Floriculture**

Prerequisite: AGPS 1024, junior standing or consent of instructor. Commercial production and marketing of major cut flower crops, bedding plants, and flowering pot plants under cover and/or in the open. Lecture two hours, laboratory two hours.

Current Description:

AGPS 3083 Small Fruit and Nut Culture

Perquisite: Junior standing or consent of instructor. A study of the factors underlying the commercial and home production of small fruits and nuts, including a study of varieties, pruning, spraying, harvesting and marketing. Lecture three hours.

Proposed Description:

✓ **AGPS 3083 Small Fruit and Nut Culture**

Perquisite: AGPS 1024, junior standing or consent of instructor. A study of the factors underlying the commercial and home production of small fruits and nuts, including a study of varieties, pruning, spraying, harvesting and marketing. Lecture three hours.

Current Description:

AGPS 3093 Greenhouse Operation and Management

Prerequisite: Junior standing or consent of instructor. Greenhouse construction and management of heating, cooling, moisture, fertilization, lighting, insect and disease control in the growth of major greenhouse crops. Lecture three hours.

Proposed Description:

✓ **AGPS 3093 Greenhouse Operation and Management**

Prerequisite: AGPS 1024, junior standing or consent of instructor. Greenhouse construction and management of heating, cooling, moisture, fertilization, lighting, insect and disease control in the growth of major greenhouse crops. Lecture three hours.

Current Description:

4103

AGPS Crop and Garden Insects

Prerequisite: Junior standing or consent of instructor. Anatomy, physiology, ecology, life history, and control of insects affecting crops and garden plants. Lecture three hours.

Proposed Description:

4103

✓ **AGPS Crop and Garden Insects**

Prerequisite: AGPS 1024, junior standing or consent of instructor. Anatomy, physiology, ecology, life history, and control of insects affecting crops and garden plants. Lecture three hours.

Agricultural Soil Science

Current Description:

AGSS 2013 Soils

Prerequisite: Chem1114. Origin, classification, physical and chemical properties of soils. A review of the major areas of soil science and their application to agricultural production. Lecture three hours.

Proposed Description:

AGSS 1024 Soils

Prerequisite: Chem1114. Development, classification, and properties of soils. A review of the major areas of soil science and their application to agricultural production and the environment. Lecture three hours, laboratory two hours.

Current Description:

AGSS 3033 Soil Fertility

Prerequisite: AGSS 2013. Physical, chemical and biological properties that relate to soil fertility as measures by plant production and quality. Growth responses to fertilizers and fertilization methods. Lecture three hours.

Proposed Description:

AGSS 3033 Soil Fertility

Prerequisite: AGSS 2014. Physical, chemical and biological properties that relate to soil fertility as measures by plant production and quality. Growth responses to fertilizers and fertilization methods. Lecture three hours.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hoefler
Department Head

9-30-05
Date

*Added 9/1/05

12/7/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date Submitted: September 30, 2005

Type of Curriculum Change Requested: (*Addition of new program, option, or minor)
(*Program, option, or minor deletion)
X (*Program, option, or minor modification)
(Course credit hour change)
(Miscellaneous change)

Submitted By: Willy Hoefler

Approved By: Department Head: *Willy Hoefler*

Dean of School: *Shu Watts*

Reviewed By: Registrar: *Jammy Reeves*

Vice-President for Academic Affairs

- I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

Adding and deleting courses to the Agricultural Business curriculum. (See attached sheets)

- II. Course Information

- A. Rationale for the requested change.

Agriculture is a dynamic, constantly changing field. One of the Agriculture Department's goals is to make our students well prepared for the job force upon graduation. It is the consensus of the agriculture faculty that adding Principles of Agricultural Business, Career Development in Agriculture, Agricultural Policy and Principles of Horticulture will make our students better prepared upon graduation. Unfortunately, when new courses are added to a degree program, other courses have to be deleted in order to maintain 124 hours in the degree program. Although the courses dropped from the program are good courses, this department feels that the new additions will make our students more marketable.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

The proposed changes to the Agricultural Business program will have no impact on staffing, other programs, budgeting or space allocation

2. Outside the department.

The proposed changes should not have any impact on staffing, other programs, budgeting or space allocation.

C. Effective date or term. Summer 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

Agricultural Business

Courses Added

AGBU 1013 Principles of Agricultural Business
AGBU 3213 Career Development in Agriculture
AGBU 4033 Agricultural Policy
AGPS 1024 Principles of Horticulture

Courses Dropped

ACCT 2013 Accounting Principles II
AGAS 2083 Feeds and Feeding
AGBU 3133 Intermediate Agricultural Macroeconomics
Agricultural Elective 3 cr.
Elective 3 cr.

Course Hours Changed Due to Adding Labs

AGAS 1013 to AGAS 1014 Principles of Animal Science
AGSS 2013 to AGSS 2014 Soils

Agricultural Bbusiness	
Fall Start	
<p>Freshman Fall Semester Add/Change: AGAS 1014 Principles of Animal Science AGPS 1003 Principles of Crop Science</p> <p>Delete: AGAS 1013 Principles of Animal Science Physical Activity 1 cr.</p> <p>Total Hours: 17</p>	<p>Freshman Spring Semester Add/Change: AGPS 1024 Principles of Horticulture AGBU 1013 Principles of Agricultural Business Physical Activity 1 cr.</p> <p>Delete: CHEM 1114 A Survey of Chemistry AGPS 1003 Field Crops Elective 3 cr.</p> <p>Total Hours: 16 14</p>
<p>Sophomore Fall Semester Add/Change: CHEM 1114 A survey of Chemistry</p> <p>Delete: Social Science 3 cr. Physical Activity 1cr.</p> <p>Total Hours: 16</p>	<p>Sophomore Spring Semester Add/Change: AGSS 2014 Soils Fine Arts 3 cr. MATH 2163 Introduction to Statistical Methods</p> <p>Delete: ACCT 2013 Accounting Principles II AGSS 2013 Soils AGAS 2083 Feeds and Feeding</p> <p>Total Hours: 16</p>
<p>Junior Fall Semester Add/Change: AGBU 3213 Career Development in Agriculture AGEG 3413 Agricultural Waste Management Humanities 3 cr. Elective 3 cr.</p> <p>Delete: Agricultural Elective 3 cr. AGBU 3133 Intermediate Agricultural Macroeconomics AGBU 4013 Agricultural Marketing Social Science 3 cr.</p> <p>Total Hours: 16</p>	<p>Junior Spring Semester Add/Change: Agricultural Elective 6 cr. Elective 2 cr. Social Science 6 cr. Physical Activity 1 cr.</p> <p>Delete: MATH 2163 Introduction to Statistical Methods AGEG 3413 Agricultural Waste Management Agricultural Elective 3 cr. Fine Arts 3 cr. Social Science 3 cr.</p> <p>Total Hours: 15 cr.</p>
<p>Senior Fall Semester Add/Change: AGBU 4013 Agricultural Marketing Social Science 3 cr.</p> <p>Delete: Humanities 3 cr. Elective 4 cr.</p> <p>Total Hours: 15</p>	<p>Senior Spring Semester Add/Change: Agricultural Elective 6 cr. AGBU 4033 Agricultural Policy Elective 3cr.</p> <p>Delete: Agricultural Elective 9 cr. Elective 4 cr.</p> <p>Total Hours: 15</p>

Agricultural Business	
Spring Start	
<p>Freshman Spring Semester</p> <p>Add/Change: AGPS 1024 Principles of Horticulture AGBU 1013 Principles of AGBU COMS 1003</p> <p>Delete: AGPS 1003 Field Crops BIOL 1014 Introduction to Biological Science MATH 1113 College Algebra</p> <p>Total Hours: 14</p>	<p>Freshman Fall Semester</p> <p>Add/Change: AGAS 1014 Principles of Animal Science AGPS 1003 Principles of Crop Science BIOL 1014 Introduction to Biological Science MATH 1113 College Algebra</p> <p>Delete: CHEM 1114 A Survey of Chemistry AGAS 1013 Principles of Animal Science COMS 1003 Introduction to Computer Based Systems</p> <p>Elective 3 cr.</p> <p>Total Hours: 17</p>
<p>Sophomore Spring Semester</p> <p>Add/Change: AGSS 2014 Soils Fine Arts 3 cr. MATH 2163 Introduction to Statistical Methods</p> <p>Delete: ACCT 2003 Accounting Principles I AGSS 2013 Soils AGAS 2083 Feeds and Feeding</p> <p>Total Hours: 16</p>	<p>Sophomore Fall Semester</p> <p>Add/Change: ACCT 2003 Accounting Principles I CHEM 1114 A Survey of Chemistry</p> <p>Delete: ACCT 2013 Accounting Principles II Social Science 3 cr. Physical activity 1 cr.</p> <p>Total Hours: 16</p>
<p>Junior Spring Semester</p> <p>Add/Change: Agricultural Elective 6 cr. Elective 2 cr. Social Science 6 cr. Physical Activity 1 cr.</p> <p>Delete: MATH 2163 Introduction to Statistical Methods Agricultural Electives 3 cr. AGEG 3413 Agricultural Waste Management Fine Arts 3 cr. Social Science 3 cr.</p> <p>Total Hours: 15</p>	<p>Junior Fall Semester</p> <p>Add/Change: AGBU 3213 Career Development in Agriculture AGEG 3413 Agricultural Waste Management Elective 3 cr. Humanities 3 cr.</p> <p>Delete: Agricultural Elective 3 cr. AGBU 3133 Intermediate Agricultural Macroeconomics AGBU 4013 Agricultural Marketing Social Science 3 cr.</p> <p>Total Hours: 16 cr.</p>
<p>Senior Spring Semester</p> <p>Add/Change: AGBU 4033 Agricultural Policy Elective 3 cr.</p> <p>Delete: Humanities 3 cr. Elective 4 cr.</p> <p>Total Hours: 15</p>	<p>Senior Fall Semester</p> <p>Add/Change: Agricultural Elective 6 cr. AGBU 4013 Agricultural Marketing Social Science 3 cr.</p> <p>Delete: Agricultural Elective 9 cr. Elective 4 cr.</p> <p>Total Hours: 15</p>
<p>Total Program Hours 124</p>	

Curriculum in Agribusiness

Bachelor of Science

Degree Completion Plan Beginning in Fall Semester

Freshman				Sophomore				
Fall		Spring		Fall		Spring		
AGAS 1014	4	AGPS 1024	4	ACCT 2003	3	AGBU 2073	3	
AGPS 1003	3	AGBU 1013	3	AGBU 2063	3	AGSS 2014	4	
BIOL 1014	4	COMS 1003	3	BUAD 2033	3	Fine Arts ¹	3	
ENGL 1013 ¹	3	ENGL 1023 ¹	3	SPCH 2173	3	MATH 2163	3	
MATH 1113	3	Physical Activity ¹	1	CHEM 1114	4	Social Science ¹	3	
Total Hours		17	Total Hours	14	Total Hours	16	Total Hours	16

Junior				Senior				
Fall		Spring		Fall		Spring		
AGBU 3213	3	Agriculture Elective ³	6	AGBU 4003	3	AGBU 4023	3	
AGEG 3413	3	Elective ²	2	AGBU 4013	3	AGBU 4033	3	
AGPS 3244	4	Social Science ¹	6	Agriculture Elective ³	6	Agriculture Elective ³	6	
Humanities ¹	3	Physical Activity ¹	1	Social Science ¹	3	Elective ²	3	
Elective ²	3							
Total Hours		16	Total Hours	15	Total Hours	15	Total Hours	15

Degree Completion Plan Beginning in Spring Semester

Freshman				Sophomore				
Spring		Fall		Spring		Fall		
AGPS 1024	4	AGAS 1014	4	AGBU 2073	3	ACCT 2003	3	
AGBU 1013	3	AGPS 1003	3	AGSS 2014	4	AGBU 2063	3	
COMS 1003	3	BIOL 1014	4	Fine Arts ¹	3	BUAD 2033	3	
ENGL 1013 ¹	3	ENGL 1023 ¹	3	MATH 2163	3	SPCH 2173	3	
Physical Activity ¹	1	MATH 1113	3	Social Science ¹	3	CHEM 1114	4	
Total Hours		14	Total Hours	17	Total Hours	16	Total Hours	16

Junior				Senior				
Spring		Fall		Spring		Fall		
Agriculture Elective ³	6	AGBU 3213	3	AGBU 4023	3	AGBU 4003	3	
Elective ²	2	AGEG 3413	3	AGBU 4033	3	AGBU 4013	3	
Social Science ¹	6	AGPS 3244	4	Agriculture Elective ³	6	Agriculture Elective ³	6	
Physical Activity ¹	1	Humanities ¹	3	Elective ²	3	Social Science ¹	3	
		Elective ²	3					
Total Hours		15	Total Hours	16	Total Hours	15	Total Hours	15

¹See appropriate alternatives or substitutions in "General Education Requirements" on page (Except ECON 2003)

²Recommended electives are SPAN 1014 and SPAN 1024

³Must be 3000-4000 level.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hooper
Department Head

9-30-05
Date

1. Within the department requesting the change.

These proposed changes will have no impact on other departmental programs, budget or space allocation. There is sufficient faculty to cover the other courses.

2. Outside the department.

These proposed changes should have no impact on outside department's staffing, budget or space allocation.

- C. Effective date or term. Summer 2006

- D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

Agricultural Business (Horticulture Option)

Courses Added

AGAS 1014 Principles of Animal Science
AGBU 1013 Principles of Agricultural Business
AGBU 3213 Career Development in Agriculture
AGBU 4023 Agricultural Finance
AGBU 4033 Agricultural Policy

Courses Dropped

ACCT 2013 Accounting Principles II
AGPS 3053 Weeds and Weed Control
Agricultural Electives 12 cr.
Elective 2 cr.

Course Hours Changed Due to Adding Labs

AGPS 1023 to AGPS 1024 Principles of Horticulture
AGPS 3043 to AGPS 3044 Plant Propagation
AGPS 3063 to AGPS 3064 Vegetable Growing
AGSS 2013 to AGSS 2104 Soils
2014

Agricultural Business (Horticulture Option)	
Spring Start	
<p>Freshman Spring Semester</p> <p>Add/Change: AGPS 1024 Principles of Horticulture AGBU 1013 Principles of Agricultural Business COMS 1003 Introduction to Computer Based Systems Physical Activity 1 cr.</p> <p>Delete: AGPS 1003 Field Crops AGPS 1023 General Horticulture BIOL 1014 Introduction to Biological Sciences BIOL 2134 Principles of Botany MATH 1113 College Algebra</p> <p>Total Hours: 14</p>	<p>Freshman Fall Semester</p> <p>Add/Change: AGAS 1014 Principles of Animal Science AGPS 1003 Principles of Crop Science BIOL 1014 Introduction to Biological Sciences MATH 1113 College Algebra</p> <p>Delete: CHEM 1114 A Survey of Chemistry COMS 1003 Introduction to Computer Based Systems Elective 3 cr. Physical Activity 1 cr.</p> <p>Total Hours: 17</p>
<p>Sophomore Spring Semester</p> <p>Add/Change: AGSS 2014 Soils MATH 2163 Introduction to Statistical Methods Fine Arts 3 cr.</p> <p>Delete: ACCT 2003 Accounting Principles I AGSS 2013 Soils BUAD 2033 Legal Environment of Business</p> <p>Total Hours: 16</p>	<p>Sophomore Fall Semester</p> <p>Add/Change: ACCT 2003 Accounting Principles 1 BUAD 2003 Legal Environment of Business CHEM 1114 A Survey of Chemistry</p> <p>Delete: ACCT 2013 Accounting Principles II MATH 2163 Introduction to Statistical Methods Social Science 3 cr. Physical Activity 1 cr.</p> <p>Total Hours: 16</p>
<p>Junior Spring Semester</p> <p>Add/Change: AGPS 3044 Plant Propagation AGPS 3064 Vegetable Growing Elective 2 cr. Physical Activity 1 cr. Social Science 6 cr.</p> <p>Delete: Agricultural Elective 3 cr. AGPS 3063 Vegetable Growing AGPS 3093 Greenhouse Operation and Management Elective 4 cr. Social Science 6 cr.</p> <p>Total Hours: 17</p>	<p>Junior Fall Semester</p> <p>Add/Change: AGBU 3213 Career Development in Agriculture AGPS 3093 Greenhouse Operation and Management Elective 3cr. Humanities 3 cr.</p> <p>Delete: AGBU 4013 Agricultural Marketing AGPS 3043 Plant Propagation Fine Arts 3 cr. Social Science 3 cr.</p> <p>Total Hours: 16</p>
<p>Senior Spring Semester</p> <p>Add/Change: AGBU 4023 Agricultural Finance AGBU 4033 Agricultural Policy AGPS 3083 Small Fruit and Nut Culture</p> <p>Delete: Agricultural Elective 6 cr. AGPS 3053 Weeds and Weed Control Humanities 3 cr.</p> <p>Total Hours:12</p>	<p>Senior Fall Semester</p> <p>Add/Change: AGBU 4013 Agricultural Marketing Social Science 3 cr.</p> <p>Delete: Agricultural Elective 3 cr. AGPS 3083 Small Fruit and Nut Culture</p> <p>Total Hours: 16</p>
<p>Total Program Hours 124</p>	

Agricultural Business (Horticulture Option)	
Fall Start	
<p>Freshman Fall Semester Add/Change: AGAS 1014 Principles of Animal Science AGPS 1003 Principles of Crop Science</p> <p>Delete: BIOL 2134 Principles of Botany Elective 3 cr. Physical Activity 1 cr.</p> <p>Total Hours: 17</p>	<p>Freshman Spring Semester Add/Change: AGPS 1024 Principles of Horticulture AGBU 1013 Principles of Agricultural Business Physical Activity 1 cr.</p> <p>Delete: CHEM 1114 A Survey of Chemistry AGPS 1003 Field Crops AGPS 1023 General Horticulture</p> <p>Total Hours: 14</p>
<p>Sophomore Fall Semester Add/Change: BUAD 2033 Legal Environment of Business CHEM 1114 A Survey of Chemistry</p> <p>Delete: MATH 2163 Introduction to Statistical Methods Social Science 3 cr. Physical Activity 1 cr.</p> <p>Total Hours: 16</p>	<p>Sophomore Spring Semester Add/Change: AGSS 2014 Soils MATH 2163 Introduction to Statistical Methods</p> <p>Delete: ACCT 2013 Accounting Principles II AGSS 2103 Soils BUAD 2033 Legal Environment of Business</p> <p>Total Hours: 16</p>
<p>Junior Fall Semester Add/Change: AGBU 3213 Career Development in Agriculture AGPS 3093 Greenhouse Operation and Management</p> <p>Elective 3 cr. Humanities 3 cr.</p> <p>Delete: AGBU 4013 Agricultural Marketing AGPS 3043 Plant Propagation Fine Arts 3 cr. Social Science 3 cr.</p> <p>Total Hours: 16</p>	<p>Junior Spring Semester Add/Change: AGPS 3044 Plant Propagation AGPS 3064 Vegetable Growing Elective 2 cr. Physical Activity 1 cr. Social Science 3 cr.</p> <p>Delete: Agricultural Elective 3 cr. AGPS 3063 Vegetable Growing AGPS 3093 Greenhouse Operation and Management</p> <p>Elective 4 cr. Social Science 3 cr.</p> <p>Total Hours: 17</p>
<p>Senior Fall Semester Add/Change: AGBU 4013 Agricultural Marketing Social Science 3 cr.</p> <p>Delete: Agricultural Elective 3 cr. AGPS 3083 Small Fruits and Nut Culture</p> <p>Total Hours: 16</p>	<p>Senior Spring Semester Add/Change: AGBU 4023 Agricultural Finance AGBU 4033 Agricultural Policy AGPS 3083 Small Fruits and Nut Culture</p> <p>Delete: Agricultural Elective 6 cr. AGPS 3053 Weeds and Weed Control Humanities 3 cr.</p> <p>Total Hours: 12</p>

**Curriculum in Agribusiness (Horticulture Option)
Bachelor of Science**

Degree Completion Plan Beginning in Fall Semester

Freshman				Sophomore			
Fall		Spring		Fall		Spring	
AGAS 1014	4	AGPS 1024	4	ACCT 2003	3	AGBU 2073	3
AGPS 1003	3	AGBU 1013	3	AGBU 2063	3	AGSS 2014	4
BIOL 1014	4	COMS 1003	3	BUAD 2033	3	Fine Arts ¹	3
ENGL 1013 ¹	3	ENGL 1023 ¹	3	SPCH 2173	3	MATH 2163	3
MATH 1113	3	Physical Activity ¹	1	CHEM 1114	4	Social Science ¹	3
Total Hours	17	Total Hours	14	Total Hours	16	Total Hours	16

Junior				Senior			
Fall		Spring		Fall		Spring	
AGBU 3213	3	AGPS 3044	4	AGBU 4003	3	AGBU 4023	3
AGPS 3093	3	AGPS 3064	4	AGBU 4013	3	AGBU 4033	3
AGPS 3244	4	Elective ²	2	AGPS 3073	3	AGPS 3083	3
Humanities ¹	3	Physical Activity ¹	1	BIOL 4044	4	AGPS 4103	3
Elective ²	3	Social Science ¹	6	Social Science ¹	3		
Total Hours	16	Total Hours	17	Total Hours	16	Total Hours	12

Degree Completion Plan Beginning in Spring Semester

Freshman				Sophomore			
Spring		Fall		Spring		Fall	
AGPS 1024	4	AGAS 1014	4	AGBU 2073	3	ACCT 2003	3
AGBU 1013	3	AGPS 1003	3	AGSS 2014	4	AGBU 2063	3
COMS 1003	3	BIOL 1014	4	Fine Arts ¹	3	BUAD 2033	3
ENGL 1013 ¹	3	ENGL 1023 ¹	3	MATH 2163	3	SPCH 2173	3
Physical Activity ¹	1	MATH 1113	3	Social Science ¹	3	CHEM 1114	4
Total Hours	14	Total Hours	17	Total Hours	16	Total Hours	16

Junior				Senior			
Spring		Fall		Spring		Fall	
AGPS 3044	4	AGBU 3213	3	AGBU 4023	3	AGBU 4003	3
AGPS 3044	4	AGPS 3093	3	AGBU 4033	3	AGBU 4013	3
Elective ²	2	AGPS 3244	4	AGPS 3083	3	AGPS 3073	3
Physical Activity ¹	1	Humanities ¹	3	AGPS 4103	3	BIOL 4044	4
Social Science ¹	6	Elective ²	3			Social Science ¹	3
Total Hours	17	Total Hours	16	Total Hours	12	Total Hours	16

¹See appropriate alternatives or substitutions in "General Education Requirements" on page (Except ECON 2003)

²Recommended electives are SPAN 1014 and SPAN 1024

³Must be 3000-4000 level.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Willy Hoefler
Department Head

9-30-05
Date

1. Within the department requesting the change.

These proposed changes will have no impact on other departmental Programs, budget or space allocation. Although the department is short one animal science faculty, the animal science courses are still being covered by overloads or adjunct faculty. A request is being submitted for the addition of a second animal science faculty member.

2. Outside the department.

These proposed changes should have no impact on outside department's staffing, budget or space allocation.

- C. Effective date or term. Summer 2006

- D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04
**Updated 9/1/05

Agricultural Business (Animal Science Option)

Courses added

AGBU 1013 Principles of Agricultural Business
AGBU 3213 Career Development in Agriculture
AGBU 4033 Agricultural Policy
AGEG 3413 Agricultural Waste Management
AGPS 1003 Principles of Crop Science
AGPS 1024 Principles of Horticulture
AGPS 3244 Plant Pathology
CHEM 1114 A Survey of Chemistry

Courses Dropped

1002 / ACCT 2013 Accounting Principles II
AGAS 1011 Principles of Animal Science Laboratory
AGAS 3113 Light Horse Production
Poultry Science 3 cr.
BIOL 3054 Microbiology
CHEM 2124 General Chemistry I
CHEM 2134 General Chemistry II
Electives 10 cr.

Course Hours Changed Due to Adding Labs

3013 / AGAS 1013 to AGAS 1014 Principles of Animal Science
AGAS 3003 to AGAS 3004 Reproduction of Farm Animals
AGAS 3113 to AGAS 3014 Beef Cattle Management
AGAS 3103 to AGAS 3104 Swine Management
AGSS 2103 to AGSS 2014 Soils

Agriculture Business (Animal Science Option)	
Fall Start	
<p>Freshman Fall Semester</p> <p>Add/Change: AGAS 104 Principles of Animal Science AGPS 1003 Principles of Crop Science BIOL 1014 Introduction to Biological Science</p> <p>Delete: Elective 3 cr. AGAS 1001 Principles of Animal Science Laboratory AGAS 1013 Principles of Animal Science Social Science 3 cr.</p> <p>Total Hours: 17</p>	<p>Freshman Spring Semester</p> <p>Add/Change: AGPS 1024 Principles of Horticulture AGBU 1013 Principles of Agricultural Business COMS 1003 Introduction to Computer Based Systems</p> <p>Delete: CHEM 2124 General Chemistry I BIOL 1014 Introduction to Biological Science BIOL 2124 Principles of Zoology Social Science 3 cr.</p> <p>Total Hours: 14</p>
<p>Sophomore Fall Semester</p> <p>Add/Change: ACCT 2003 Accounting Principles I CHEM 1114 A Survey of Chemistry</p> <p>Delete: CHEM 2134 General Chemistry II COMS 1003 Introduction to Computer Based Systems</p> <p>Total Hours: 16</p>	<p>Sophomore Spring Semester</p> <p>Add/Change: AGSS 2014 Soils Social Science 3 cr.</p> <p>Delete: AGSS 2013 Soils Elective 3 cr. Physical Activity 1 cr.</p> <p>Total Hours: 16</p>
<p>Junior Fall Semester</p> <p>Add/Change: AGAS 3004 Reproduction in Farm Animals AGBU 3213 Career Development in Agriculture AGEG 3413 Agricultural Waste Management Humanities 3 cr. Elective 3 cr.</p> <p>Delete: Social Science 3 cr. ACCT 2003 Accounting Principles I AGAS 3113 Light Horse Production AGAS 3003 Reproduction in Farm Animals BIOL 3054 Microbiology</p> <p>Total Hours: 16</p>	<p>Junior Spring Semester</p> <p>Add/Change: AGAS 3104 Beef Cattle Management Poultry Science 3 cr. Physical Activity 1 cr. Social Science 6 cr.</p> <p>Delete: ACCT 2013 Accounting Principles II AGAS 3013 Beef Cattle Management AGAS 3103 Swine Management Social Science 3 cr.</p> <p>Total Hours: 17</p>
<p>Senior Fall Semester</p> <p>Add/Change: AGAS 3014 Swine Management AGPS 3244 Plant Pathology Elective 2 cr.</p> <p>Delete: Elective 6 cr. AGAS 3303 Poultry Management AGAS 3323 Poultry Nutrition AGAS 3333 Poultry Processing and Product Technology AGAS 4303 Poultry Diseases</p> <p>Total Hours: 16</p>	<p>Senior Spring Semester</p> <p>Add/Change: AGBU 4033 Agricultural Policy Social Science 3 cr.</p> <p>Delete: Humanities 3 cr. AGAS 3303 Poultry Management AGAS 3323 Poultry Nutrition AGAS 3333 Poultry Processing and Product Technology AGAS 4303 Poultry Diseases Elective 3 cr.</p> <p>Total Hours: 12</p>

Agricultural Business (Animal Science Option)	
Spring Start	
<p>Freshman Spring Semester</p> <p>Add/Change: AGPS 1024 Principles of Horticulture AGBU 1013 Principles of Agricultural Business COMS 1003 Introduction to Computer Based Systems</p> <p>Delete: Math 1113 College Algebra BIOL 1014 Introduction to Biological Science BIOL 2124 Principles of Zoology Social Science 3 cr.</p> <p>Total Hours: 14</p>	<p>Freshman Fall Semester</p> <p>Add/Change: AGAS 1014 Principles of Animal Science AGPS 1003 Principles of Crop Science BIOL 1014 Introduction to Biological Science MATH 1113 College Algebra</p> <p>Delete: AGAS 1001 Principles of Animal Science Laboratory AGAS 1013 Principles of Animal Science CHEM 2124 General Chemistry I Elective 3 cr. Social Science 3 cr.</p> <p>Total Hours: 17</p>
<p>Sophomore Spring Semester</p> <p>Add/Change: AGSS 2014 Soils MATH 2163 Introduction to Statistical Methods Social Science 3 cr.</p> <p>Delete: AGSS 2013 Soils CHEM 2134 General Chemistry II COMS 1003 Introduction to Computer Based Systems</p> <p>Total Hours: 16</p>	<p>Sophomore Fall Semester</p> <p>Add/Change: ACCT 2003 Accounting Principles I CHEM 1114 A Survey of Chemistry</p> <p>Delete: MATH 2163 Introduction to Statistical Methods Elective 3 cr. Physical Activity 1 cr.</p> <p>Total Hours: 16</p>
<p>Junior Spring Semester</p> <p>Add/Change: AGAS 3104 Swine Management Poultry Science 3 cr. Physical Activity 1 cr. Social Science 6 cr.</p> <p>Delete: Social Science 3 cr. ACCT 2003 Accounting Principles I AGAS 3013 Beef Cattle Management AGAS 3103 Swine Management</p> <p>Total Hours: 17</p>	<p>Junior Fall Semester</p> <p>Add/Change: AGAS 3004 Reproduction in Farm Animals AGBU 3213 Career Development in Agriculture AGEG 3413 Agricultural Waste Management Humanities 3 cr. Elective 3 cr.</p> <p>Delete: Social Science 3 cr. ACCT 2013 Accounting Principles II AGAS 3113 Light Horse Production AGAS 3003 Reproduction in Farm Animals BIOL 3034 Microbiology</p> <p>Total Hours: 16</p>
<p>Senior Spring Semester</p> <p>Add/Change: AGBU 4033 Agricultural Policy Social Science 3 cr.</p> <p>Delete: AGAS 3303 Poultry Management AGAS 3323 Poultry Nutrition AGAS 3333 Poultry Processing and Product Technology AGAS 4303 Poultry Diseases Humanities 3 cr.</p>	<p>Senior Fall Semester</p> <p>Add/Change: AGAS 3014 Beef Cattle Management AGPS 3244 Plant Pathology Elective 2 cr.</p> <p>Delete: AGAS 3303 Poultry Management AGAS 3323 Poultry Nutrition AGAS 3333 Poultry Processing and Product Technology AGAS 4303 Poultry Diseases</p>

Elective 3 cr.	Elective 6 cr.
Total Hours: 12	Total Hours: 16
Total Program Hours <u>124</u>	

**Curriculum in Agribusiness (Animal Science Option)
Bachelor of Science**

Degree Completion Plan Beginning in Fall Semester

Freshman				Sophomore			
Fall		Spring		Fall		Spring	
AGAS 1014	4	AGPS 1024	4	ACCT 2003	3	AGAS 2083	3
AGPS 1003	3	AGBU 1013	3	AGBU 2063	3	AGBU 2073	3
BIOL 1014	4	COMS 1003	3	BUAD 2033	3	AGSS 2014	4
ENGL 1013 ¹	3	ENGL 1023 ¹	3	SPCH 2173	3	MATH 2163	3
MATH 1113	3	Physical Activity ¹	1	CHEM 1114	4	Social Science ¹	3
Total Hours	17	Total Hours	14	Total Hours	16	Total Hours	16

Junior				Senior			
Fall		Spring		Fall		Spring	
AGAS 3004	4	AGAS 3104	4	AGAS 3014	4	AGAS 4203	3
AGBU 3213	3	Poultry Science ³	3	AGBU 4003	3	AGBU 4023	3
AGEG 3413	3	Fine Arts ¹	3	AGBU 4013	3	AGBU 4033	3
Humanities ¹	3	Physical Activity ¹	1	AGPS 3244	4	Social Science ¹	3
Elective ²	3	Social Science ¹	6	Elective ²	2		
Total Hours	16	Total Hours	17	Total Hours	16	Total Hours	12

Degree Completion Plan Beginning in Spring Semester

Freshman				Sophomore			
Spring		Fall		Spring		Fall	
AGPS 1024	4	AGAS 1014	4	AGAS 2083	3	ACCT 2003	3
AGBU 1013	3	AGPS 1003	3	AGBU 2073	3	AGBU 2063	3
COMS 1003	3	BIOL 1014	4	AGSS 2014	4	BUAD 2033	3
ENGL 1013 ¹	3	ENGL 1023 ¹	3	MATH 2163	3	SPCH 2173	3
Physical Activity ¹	1	MATH 1113	3	Social Science ¹	3	CHEM 1114	4
Total Hours	14	Total Hours	17	Total Hours	16	Total Hours	16

Junior				Senior			
Spring		Fall		Spring		Fall	
AGAS 3104	4	AGAS 3004	4	AGAS 4203	3	AGAS 3014	4
Poultry Science ³	3	AGBU 3213	3	AGBU 4023	3	AGBU 4003	3
Fine Arts ¹	3	AGEG 3413	3	AGBU 4033	3	AGBU 4013	3
Physical Activity ¹	1	Humanities ¹	3	Social Science ¹	3	AGPS 3244	4
Social Science ¹	6	Elective ²	3			Elective ²	2
Total Hours	17	Total Hours	16	Total Hours	12	Total Hours	16

¹See appropriate alternatives or substitutions in "General Education Requirements" on page (Except ECON 2003)

²If needed.

³One of the following AGAS 3303, 3323, 3333 or 4303.

⁴Must be 3000-4000 level.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Bessie Hoefler
Department Head

9-30-05
Date

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

Since the department already offers a degree in Agricultural Business and has also offered the program in Pre-Veterinary Medicine, adding the Per-Veterinary option to the Agricultural Business program will have no impact on staffing, other programs, budgeting or space allocation.

2. Outside the department.

There should be no effect on programs outside the department.

C. Effective date or term. Summer 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. None

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

This program will fit in with the department's assessment process by addressing the following objectives:

- Understand basic micro and macro principles as they relate to agriculture.
- Understand the basic principles of agricultural marketing and finance.
- Understand basic agri-business management principles and techniques of the agri-business industry.
- Have a basic knowledge of animal agriculture and nutrition of farm animals.
- Understand basic principles of soils and waste management in production agriculture.
- Have a basic knowledge of computer technology.
- Have a basic knowledge of written and oral communication skills.

*Updated 8/1/04
**Updated 9/1/05

Agricultural Business (Pre-Veterinary Medicine Option)

Courses Added

ACCT 2003 Accounting Principles I
AGBU 1013 Principles of Agricultural Business
AGBU 2063 Principles of Agricultural Microeconomics
AGBU 2073 Principles of Macroeconomics
AGBU 3213 Career Development in Agriculture
AGBU 4003 Agri-Business Management
AGBU 4013 Agricultural Marketing
AGBU 4023 Agricultural Finance
AGBU 4033 Agricultural Policy
AGEG 3413 Agricultural Waste Management
AGPS 3244 Plant Pathology
BUAD 2033 Legal Environment of Business
Fine Arts 3 cr.
MATH 2163 Introduction to Statistical Methods
Physical Activity 2 cr.
Social Science 6 cr.

Courses Dropped

Animal or Poultry Science Elective 3 cr.
AHS 2013 Medical Terminology
BIOL 4054 Vertebrate Histology
Elective 3 cr.
MATH 1203 Plane Trigonometry

Course Hours Changed Due to Adding Labs

AGAS 1013 to AGAS 1014 Principles of Animal Science

Curriculum in <u>Agribusiness (Pre-Veterinary Medicine Option)</u>							
Bachelor of Science							
Degree Completion Plan Beginning in Fall Semester							
Freshman				Sophomore			
Fall		Spring		Fall		Spring	
AGAS 1014	4	AGBU 1013	3	AGBU 2063	3	ACCT 2003	3
BIOL 1014	4	BIOL 2124	4	COMS 1003	3	AGAS 2083	3
ENGL 1013 ¹	3	CHEM 2124	4	CHEM 2134	4	AGBU 2073	3
Humanities ¹	3	ENGL 1023 ¹	3	SPCH 2173	3	BUAD 2033	3
MATH 1113	3	Physical Activity ¹	1	PHYS 2014	4	PHYS 2024	4
Total Hours	17	Total Hours	15	Total Hours	17	Total Hours	16
Junior				Senior			
Fall		Spring		Fall		Spring	
AGBU 3213	3	BIOL 3054	4	AGBU 4003	3	AGAS 4023	3
AGEG 3413	3	CHEM 3343	3	AGBU 4013	3	AGBU 4023	3
AGPS 3244	4	MATH 2163	3	BIOL 3034	4	AGBU 4033	3
CHEM 3254	4	Social Science ¹	6	Physical Activity ¹	1	Social Science ¹	3
Fine Arts ¹	3			Social Science ¹	3		
Total Hours	17	Total Hours	16	Total Hours	15 14	Total Hours	12
Degree Completion Plan Beginning in Spring Semester							
Freshman				Sophomore			
Spring		Fall		Spring		Fall	
AGBU 1013	3	AGAS 1014	4	ACCT 2003	3	AGBU 2063	3
BIOL 2124	4	BIOL 1014	4	AGAS 2083	3	COMS 1003	3
CHEM 2124	4	ENGL 1013 ¹	3	AGBU 2073	3	CHEM 2134	4
ENGL 1013 ¹	3	Humanities ¹	3	BUAD 2033	3	SPCH 2173	3
Physical Activity ¹	1	MATH 1113	3	PHYS 2024	4	PHYS 2014	4
Total Hours	15	Total Hours	17	Total Hours	16	Total Hours	17
Junior				Senior			
Spring		Fall		Spring		Fall	
BIOL 3054	4	AGBU 3213	3	AGAS 4023	3	AGBU 4003	3
CHEM 3343	3	AGEG 3413	3	AGBU 4023	3	AGBU 4013	3
MATH 2163	3	AGPS 3244	4	AGBU 4033	3	BIOL 3034	4
Social Science ¹	6	CHEM 3254	4	Social Science ¹	3	Physical Activity ¹	1
		Fine Arts ¹	3			Social Science ¹	3
Total Hours	16	Total Hours	17	Total Hours	12	Total Hours	15 14
¹ See appropriate alternatives or substitutions in "General Education Requirements" on page (Except ECON 2003)							

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hoefler
Department Head

9-30-05
Date

Curriculum in Agriculture Business
(Animal Science Option)

Junior Year

Social Science ¹	3	
Principles of Accounting I, II (ACCT 2003, 2013)	3	
Beef Cattle Management (AGAS 3013)		
Light Horse Production (AGAS 3113)	3	
Fine Arts ¹		
Microbiology (BIOL 3054)		
Swine Management (AGAS 3103)	3	
Reproduction in Farm Animals (AGAS 3003)	3	
Total	15	1

Senior Year

Ag Business Management (AGBU 4003)	3	
Agricultural Marketing (AGBU 4013)		
Humanities ¹		
Agriculture Finance (AGBU 4023)		
Animal Nutrition (AGAS 4203)	3	
Electives ²	6	
Poultry Science (AGAS 3303, 3323, 3335, or 4303)	3	
Total	15	1

¹See appropriate alternatives or substitutions in "General Education Requirements" on page 76 (Except ECON 2003).
²Six hours must be 3000-4000 level.

Pre-Professional Programs

Dr. William C. Hoefler
Coordinator
Dean Hall,
Suite 123

Arkansas Tech University offers a complete pre-professional training program in pre-veterinary medicine. Statements and curricula for this program are listed below.

Curriculum in Pre-Veterinary Medicine¹

Freshman Year	Fall	Spring
English Composition I, II (ENGL 1013, 1023) ⁴	3	3
Principles of Animal Science (AGAS 1013)	3	
Feeds and Feeding (AGAS 2083)		3
College Algebra (MATH 1113)	3	
Plane Trigonometry (MATH 1203)		3
Public Speaking (SPH 2003)	3	
Social Science ^{2, 4}		3
General Chemistry I, II (CHEM 2124, 2134) ³	4	4
Total	16	16
Sophomore Year		
Principles of Biology (BIOL 1114)	4	
Principles of Zoology (BIOL 2124)		4
Genetics (BIOL 3034)		4
Animal Science or Poultry Science ²		3
Elective ²	3	
Introduction to Computer-Based Systems (COMS 1003)	3	
Organic Chemistry (CHEM 3254)	4	
Medical Terminology (AHS 2013)		3
Total	14	14

Add Pre-Vet to Index

The Department of Agriculture offers a bachelors degree in Agriculture Business with an option in Pre-Veterinary Medicine. Students enrolled in this program can work on the minimum course requirements needed to enter veterinary school while working on an Agricultural Business Degree at the same time. However, through careful advisement, proper course selection and successful completion of selected courses, students can meet the minimum course requirements for veterinary school in two years.

CURRICULUM COMM
--PASSED 11/18/05

FACULTY SENATE--PASSED

12/8/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Department of Agriculture

Date submitted: September 30, 2005

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Willy Hoefler

Approved by: Department Head:
Dean of School *John Watson by Pam Dixon*

Reviewed by: Registrar: *Yammy Kladis*

Vice President:

If this is a deletion or other minor change, describe and give rationale.

If the proposal to add labs to AGAS 1013, AGAS 3003, AGAS 3013, AGAS 3103, AGPS 3023, AGPS 3043, AGPS 3063, and AGPS 3073 is approved, than the following changes will have to be made to the course descriptions (See Attached Sheet).

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number:

Title for Catalog:

*Title for Course Inventory (24 characters):

Description:

Effective date or term:

*Course fees:

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

- C. Is this course part of any general plan of development within your department? Explain.

- D. How often will the course be offered?

- E. How will the course be staffed?

- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04
**Updated 9/1/05

Current Description:

AGAS 1013 Principles of Animal Science

A study of the American livestock industry and the scientific principles underlying the management and production of livestock and poultry. Lecture three hours.

Proposed description:

AGAS 1014 Principles of Animal Science

A study of the American livestock industry and the scientific principles underlying the management and production of livestock and poultry. Lecture three hours, **laboratory two hours.**

Current Description:

AGAS 3003 Reproduction in Farm Animals

Prerequisite: AGAS 1013 or consent of instructor. Anatomy and physiology of the reproductive system of farm animals: to include a study of the causes of reproductive failure, management to improve reproductive efficiency, and practical training in pregnancy testing and artificial insemination of cattle. Lecture three hours.

Proposed Description:

AGAS 3004 Reproduction in Farm Animals

Prerequisite: AGAS 1014 or consent of instructor. Anatomy and physiology of the reproductive system of farm animals: to include a study of the causes of reproductive failure, management to improve reproductive efficiency, and practical training in pregnancy testing and artificial insemination of cattle. Lecture three hours, **laboratory two hours.**

Current Description:

AGAS 3013 Beef Cattle Management

Prerequisite: AGAS 1013 or consent. A study of practices in management of beef cattle including breeding, feeding, care and marketing, with emphasis in the south. Three lecture hours.

Proposed Description:

AGAS 3014 Beef Cattle Management

Prerequisite: AGAS 1014 or consent of instructor. A study of practices in management of beef cattle including breeding, feeding, care and marketing, with emphasis in the south. Three lecture hours, **laboratory two hours.**

Current Description:

AGAS 3103 Swine Management

Prerequisite: AGAS 1013 or consent of instructor. A study of current practices during the farrowing, growing, and finishing phases of swine production. Topics covered include housing, feeding, scheduling, reproduction, disease-control, and waste disposal. Lecture three hours.

Proposed Description:

AGAS 3104 Swine Management

Prerequisite: AGAS 1014 or consent of instructor. A study of current practices during the farrowing, growing, and finishing phases of swine production. Topics covered include housing, feeding, scheduling, reproduction, disease-control, and waste disposal. Lecture three hours, **laboratory two hours**.

Current Description:

AGPS 3023 Forage Crop and Pasture Management.

Prerequisite: Junior standing or consent of instructor. Selection, culture, production, distribution and uses of pasture and forage plants; management problems in hay and silage; emphasis on utilization and improvement of pasture. Lecture three hours.

Proposed Description:

AGPS 3024 Forage Crop and Pasture Management.

Prerequisite: AGPS 1003, junior standing or consent of instructor. Selection, culture, production, distribution and uses of pasture and forage plants; management problems in hay and silage; emphasis on utilization and improvement of pasture. Lecture three hours, **laboratory two hours**.

Current Description:

AGPS 3043 Plant Propagation

Prerequisite: Junior standing or consent of instructor. A study of the principles and practices in the propagation of herbaceous and woody indoor plants and flowers. Lecture three hours.

Proposed Description:

AGPS 3044 Plant Propagation

Prerequisite: AGPS 1024, junior standing or consent of instructor. A study of the principles and practices in the propagation of herbaceous and woody indoor plants and flowers. Lecture three hours, **laboratory two hours**.

Current Description:

AGPS 3063 Vegetable Growing

Prerequisite: Junior standing or consent of instructor. The application of scientific facts and principles that are involved in the successful production of vegetables undercover and/or in the open. Lecture three hours.

Proposed Description:

AGPS 3064 Vegetable Growing

Prerequisite: AGPS 1024, junior standing or consent of instructor. The application of scientific facts and principles that are involved in the successful production of vegetables undercover and/or in the open. Lecture three hours, **laboratory two hours**.

Current Description:

AGPS 3073 Floriculture

Prerequisite: Junior standing or consent of instructor. Commercial production and marketing of major cut flower crops, bedding plants, and flowering pot plants under cover and/or in the open. Lecture three hours.

Proposed Description:

4

AGPS 307~~B~~ Floriculture

Prerequisite: AGPS 1024, junior standing or consent of instructor. Commercial production and marketing of major cut flower crops, bedding plants, and flowering pot plants under cover and/or in the open. Lecture two hours, **laboratory two hours**.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Wally Hoefler
Department Head

9-30-05
Date

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____ Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Coms 1403

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): Coms 1403 Correct End date: 062

Fee attached? NO Course being replaced? CURR CRS ID completed? _____ Checked future terms? gp
Same Course #, DOE

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMMITTEE
- PASSED 10/28/05

FACULTY SENATE—PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE to COMS 1403

To: Curriculum Committee

From: Computer and Information Science

Date submitted: September 30, 2005

Request for: Course change X Course deletion _____ Course addition _____

Submitted by: Larry Morell

Approved by: Department Head: Larry Morell

Dean of School: Peter White

Reviewed by: Registrar: Jimmy Keedes

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

Course description change for COMS 1403:

New Title: Orientation to Computing, Information, and Technology
New Catalog Description:

Co-requisites: MATH 1113 and COMS 1411. (Required of all students who have declared a major in computer science, information systems, or information technology.) An introduction to the professions of computer science, information systems, and information technology. Topics include ethics, professionalism, and opportunities within the three fields as well as an overview of hardware, software, technology, and information systems concepts and terms.

Rationale:

The new title and course description better reflects the diversity of degree programs that are taught within the department.

PROPOSAL FOR COURSE CHANGE to COMS 2333

To: Curriculum Committee

From: Computer and Information Science

Date submitted: September 30, 2005

Request for: Course change X Course deletion _____ Course addition _____

Submitted by: Larry Morell

Approved by: Department Head: Larry Morell

Dean of School: [Signature]

Reviewed by: Registrar: [Signature]

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

Course description change for COMS 2333:

Title: Web Publishing II
New Catalog Description:

Pre-requisite: COMS 1333 or consent of the instructor. This course is a continuation of COMS 1333. Students are introduced to multimedia design concepts and software. Multimedia applications and design tools are used to create and maintain multimedia products such as dynamic graphics, animation, interactive websites, and video.

Rationale:

This new course description places greater emphasis on multimedia development and use of appropriate tools for such development. See attached syllabus.

ARKANSAS TECH UNIVERSITY

COMS 2333 COURSE SYLLABUS

COMS 2333:
INSTRUCTOR:
TEXTBOOK:

Web Publishing II
Susie Capehart

The Web Collection: Macromedia Flash MX 2004, Dreamweaver MX 2004, and Fireworks MX 2004; *Bishop, Patel, Shuman and Eaxer*; Course Technology; ISBN # 0-619-18844-8

SOFTWARE

Macromedia software available on university computers.

JUSTIFICATION
AND
RATIONAL

This class is a continuation of COMS 1333. Students must become competent in the use of web site development and editing software in order to rapidly and efficiently produce professional web sites. This class will teach the student how to develop web sites using a suit of products while maintaining control over code and design.

CATALOG
DESCRIPTION:

Pre-requisite: COMS 1333 or consent of the instructor. This course is a continuation of COMS 1333. Students are introduced to multimedia design concepts and software. Multimedia applications and design tools are used to create and maintain multimedia products such as dynamic graphics, animation, interactive websites, and video.

COURSE
OBJECTIVES

Students successfully completing this course should be able to:

- Use multimedia applications to design websites, graphics, animations and videos.
- Maintain websites, graphics, animations and videos.
- Discuss web design issues.
- Critique the various components of a web site.
- Design professional-class web sites.

GENERAL
EDUCATION
REQUIREMENTS
COURSE Outline:

This course does not satisfy any General Education Requirements.

1. Dreamweaver
 - a. Getting Started with Dreamweaver
 - b. Developing a Web Page
 - c. Working with Text and Graphics
 - d. Working with Links
 - e. Working with Tables
2. Getting Started with Macromedia Flash
 - a. Drawing in Macromedia Flash
 - b. Working with Symbols and Interactivity
 - c. Creating Animations
 - d. Creating Special Effects
3. Fireworks
 - a. A. Getting Started with Macromedia Fireworks
 - b. B. Working with Objects
 - c. C. Importing, Selecting, and Modifying Graphics
4. Integrating Macromedia products

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) COMS 2700

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO ___ YES Cross-listed?
- ___ NO ___ YES Co-requisite?
- ___ Normal grading? ___ P/F? Other? NG

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____
Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM
-PASSED

10/28/05

FACULTY SENATE—PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR A NEW COURSE: COMS 2700

To: Curriculum Committee

From: Computer and Information Science

Date submitted: September 30, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Larry Morell

Approved by: Department Head: Larry Morell

Dean of School: Blair Whitely

Reviewed by: Registrar: Sammy Bevels

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 2700

Title for Catalog: Networking and Architecture Laboratory

*Title for Course Inventory (24 characters): NetworkArch Lab

Description:

Co-requisite: COMS 2703. Laboratory exercises repairing and networking computers

Effective date or term: Summer I, 2006

*Course fees: None

The reason for a zero-credit course is students will know that a lab is required at registration time and will adjust their personal schedules. Establishing labs after students have registered has required the department to adjust to students' personal schedules.

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

COMS 2703 introduces students to the architecture of PC's, diagnosing and repairing problems, and networking. This lab will provide COMS 2703 students with the resources needed to practice these activities. Having specified lab times will allow the department to better utilize its resources by allowing us to have a single lecture with multiple labs.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?
This course will provide the required lab content for COMS 2703.

C. Is this course part of any general plan of development within your department?
Explain.

This course will aid the development of a B.S. degree in Information Technology.

D. How often will the course be offered?

2-3 sections of this course each time a section of COMS 2703 is taught.

E. How will the course be staffed?

Graduate assistants under the supervision of the COMS 2703 instructor(s) will cover the labs.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)
Not applicable.

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. Rollans	Yes	9/27/05
2. Dr. Duncan	Yes	9/27/05

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

This course will be assessed along with COMS 2703. At the end of each semester each faculty member produces a Faculty Course Assessment Report. Data from COMS 2700 will be included in this report.

****Updated 9/1/05**

ARKANSAS TECH UNIVERSITY COMS 2700 COURSE SYLLABUS

COMS 2700:	Networking and Architecture Laboratory
INSTRUCTOR:	Rick Massengale
TEXTBOOK:	The same text used in COMS 2703.
SOFTWARE	Networking software available in the lab.
MATERIALS:	Optional but <i>strongly</i> suggested: Flash drive/jump drive/thumb drive/memory stick.
JUSTIFICATION AND RATIONAL	IT professionals must be able to build, diagnose, and repair PC's and homogeneous networks. This course will be taken along with COMS 2703. There is no grade for this course; the work done in this course will contribute to the grade in COMS 2703. The rules and regulations of this course will be defined on the syllabus for COMS 2703. Co-requisite: COMS 2703. Laboratory exercises repairing and networking computers
CATALOG DESCRIPTION: COURSE OBJECTIVES	Students successfully completing this course should be able to: <ul style="list-style-type: none">➤ Build a PC from components➤ Diagnose and repair hardware problems in a PC➤ Build a network of homogeneous platforms➤ Diagnose and repair network problems
GENERAL EDUCATION REQUIREMENTS	This course does not satisfy any General Education Requirements.
COURSE Outline:	Material for this course will be defined on the syllabus for COMS 2703.

PROPOSAL FOR A COURSE MODIFICATION: COMS 2703

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change X Course deletion _____ Course addition _____

Submitted by:

Approved by: Department Head: *Gary Morrell*

Dean of School: *John W. ...*

Reviewed by: Registrar: *Yammy ...*

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

I. Catalog description: (The **bold text** represents the change).

Number: COMS 2703

Title for Catalog: Computer Networks and Architecture

*Title for Course Inventory: Computer NW/Arch
Description:

Prerequisites: COMS 1411 and COMS 1403. **Co-requisite: COMS 2700.** This course covers how to install and administer a local area network and connect it to the internet. Topics include network architecture, hardware, and software, along with popular protocols for establishing connectivity for sharing resources such as printers and files. **Participation in a designated lab outside of the regularly scheduled meeting time is required.**

Effective date or term: Fall 2006
Summer

*Course fees: None

II. Rationale for the change: Currently the course has labs that are scheduled after the course begins, requiring the department to adjust to student schedules. The ramification is that sometimes the lab must be open and monitored for a single student. This change requires students to pre-register for a specific lab during which he or she will be able to complete his work. Arranging labs in this manner rather than after the course has begun will allow the department to manage its resources better.

11/10/2005

Curriculum Change Proposal for the B.S. in Computer Science

To: Curriculum Committee

From: Department of Computer and Information Science

Date Submitted: 9/30/05

Type of Curriculum Change Requested:: Modification of Curriculum for Computer Science

Submitted By: Larry Morell

Approved By: Department Head: *Larry Morell*

Dean of School: *Bl. White*

Reviewed By: Registrar: *Jammy Woods*

Vice-President for Academic Affairs _____

- I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

See new modification of appropriate fall/spring and spring /fall schedules that follow. We are requesting that COMS 2700 be added as a zero-credit lab for COMS 2703 and that COMS 4700 be added as a zero-credit lab for upper-level networking courses. Furthermore we are requesting that MATH 2703 (Discrete Mathematics) be replaced with COMS 2903 (Discrete Structures for Technical Majors), a new course proposed separately. This entails shifting some courses to ensure COMS 2903 is taught in the same semester as required by IS and IT.

II. Course Information

A. Rationale for the requested change.

See the attached descriptions of COMS 2700 and COMS 4700 for details. We are requesting that these zero-credit laboratories be added to the curriculum to improve our ability to schedule laboratories for our hardware and networking courses. The introduction of COMS 2903 will afford our students greater access to the uses of discrete structures in computing.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

Graduate assistants will staff COMS 2700/4700. The physical facilities already exist. COMS 2903 will require one additional course to be taught by a full-time faculty member in the department each year. Judicious use of adjunct funds will provide the needed resources.

2. Outside the department

It is likely that requiring COMS 2903 will reduce the number of sections needed for MATH 2703.

C. Effective date or term. Fall 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. Don Carnahan/Math	Yes	9/15/05

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

See attachments.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04
**Updated 9/1/05

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used. ✓
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years. ✓
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered. ✓
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog. ✓
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites. ✓
6. General Education requirements should be checked carefully to ensure compliance. ✓
7. The number of upper division hours should be checked to ensure that 40 or more are required. ✓
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification. ✓
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal. ✓
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses. ✓
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval. *Distributed 9/23/05.*

All of the above items have been checked.

Garry Moull
Department Head

9/30/05
Date

*Added 9/1/05

Changes for the BS in CS Curriculum

Fall Start	
Freshman Fall Semester Add/Change: Social Science Delete: MATH 2703 Total Hours: 17	Freshman Spring Semester Add/Change: Biological Science Delete: MATH 2914 Total Hours: 15
Sophomore Fall Semester Add/Change: COMS 2700, MATH 2914, COMS 2903 Delete: MATH 2924, ELEG 2133, ELEG 2131 Total Hours: 16	Sophomore Spring Semester Add/Change: MATH 2924, ELEG 2133, ELEG 2134 Delete: Biological Science, Social Science Total Hours: 17
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: COMS 4700 Delete: Total Hours: Unchanged
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: COMS 2700, COMS 2903 Delete: MATH 2703 Total Hours: Unchanged
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: COMS 4700 <i>Physical Act.</i> Delete: Total Hours: Unchanged	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Physical Activity Total Hours: 16	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours Unchanged	

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11-10-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) COMS 2733

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
- PASSED 10/25/05

FACULTY SENATE--PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR A NEW COURSE: COMS 2733

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X

Submitted by:

Approved by: Department Head: Gary Howell

Dean of School: [Signature]

Reviewed by: Registrar: Gummy Woods

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 2733

Title for Catalog: Introduction to Computer Forensics and Security

*Title for Course Inventory: Computer Forensics

Description:

Prerequisites: COMS 2703 . Co-requisite: COMS 2713. An introduction to the fundamentals of computer forensic technology. The course emphasizes techniques for identifying and minimizing the threats to, and vulnerabilities of computer systems. These techniques include methods and tools for tracking suspicious activity, for recovering and preserving digital media, and for doing post-mortem analysis.

Effective date or term: Fall 2006

Summer I

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course is essential for IT professionals to learn how to protect computer systems and analyze their usage for potential threats. This course will be required for all students in the proposed B.S. of Information Technology. Students completing the B.S. degree of Information Systems or Computer Science may take this course as an elective.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course does not overlap the content of any other course in the department. It will support the thrust of the new degree in Information Technology by providing needed background in computer security.

C. Is this course part of any general plan of development within your department? Explain.

This course is an integral part of the proposed B.S in Information Technology.

D. How often will the course be offered?

This course will be offered at least once per year during the spring or fall semester.

E. How will the course be staffed?

Regular department faculty will teach this course.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

At the end of each semester in which this course is taught the instructor will fill in a Faculty Course Assessment Report. The INFT curriculum committee will review this report annually along with collected samples of student projects for adherence to course and program objectives.

ARKANSAS TECH UNIVERSITY

COMS 2733 COURSE SYLLABUS

COMS 2733:	Introduction to Computer Forensics and Security
INSTRUCTOR:	Johnette Moody
TEXTBOOK:	Kruse and Heiser, Computer Forensics: Incident Response Essentials, Addison Wesley Professional, 2002, ISBN: 0-201-70719-5.
SOFTWARE	Forensics software available in the lab.
MATERIALS:	Optional but <i>strongly</i> suggested: Flash drive/jump drive/thumb drive/memory stick.
JUSTIFICATION AND RATIONAL CATALOG DESCRIPTION:	IT professionals must be able to protect their client's systems and data from intrusion and to recover data from defunct systems. Prerequisite: COMS 2703; Co-requisite: COMS 2713. An introduction to the fundamentals of computer forensic technology. The course emphasizes techniques for identifying and minimizing the threats to, and vulnerabilities of computer systems. These techniques include methods and software for tracking suspicious activity, for recovering and preserving digital media, and for doing post-mortem analysis
COURSE OBJECTIVES	Students successfully completing this course should be able to: <ul style="list-style-type: none">➤ Understand the basics of computer forensics in Windows and Unix environments..➤ Apply techniques used in acquiring and preserving digital data➤ Use forensic programs to examine digital media.➤ Recover concealed information on a computer system.
GENERAL EDUCATION REQUIREMENTS	This course does not satisfy any General Education Requirements.
COURSE Outline:	<ol style="list-style-type: none">1. Introduction to Computer Forensics.2. Tracking an Offender.3. The Basics of Hard Drives and Storage.4. Encryption and Forensics.5. Data Hiding.6. Hostile Code.7. Investigating Windows Computers.8. Introduction to Unix for Forensic Examiners.9. Compromising a Unix Host.10. Investigating a Unix Host.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Coms 2903

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): Coms 2903 Correct End date:

Fee attached? no Course being replaced? no CURR CRS ID completed? _____ Checked future terms?

Screen 125: Add date 2/27/06 Delete Date 2/27/06 By DJ Evans

Fee? no Add to list? na Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR A NEW COURSE: COMS 2903

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X

Submitted by:

Approved by: Department Head: Gary Morell

Dean of School: [Signature]

Reviewed by: Registrar: [Signature]

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 2903

Title for Catalog: Discrete Structures for Technical Majors

*Title for Course Inventory: Discrete Structures

Description:

Prerequisite: MATH 1113. Fundamental mathematical concepts related to computer science, information systems and information technology, including logic and proof techniques; sets, sequences, relations and functions; combinatorics; algebraic structures and Boolean algebra; trees and graphs.

Effective date or term: Fall-2006

Summer I

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

Technical majors (e.g. Computer Science, Information Systems, and Information Technology) deal primarily with discrete objects: programs, program state, nodes on a network, records in a database, etc. Mathematics is the language for modeling such discrete objects.. This course provides the modeling and analytical tools needed by students in these and other disciplines. This will be a required course for all students in the proposed B.S. of Information Technology and for those completing a degree in Information Systems or Computer Science.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course does not overlap any other course in the department. It will serve as a prerequisite to most upper-level courses in the department.

C. Is this course part of any general plan of development within your department?

Yes. Until now our all CS and IS students have taken MATH 2703. By moving the course to our department it will enable us to show CS, IS, and IT students how discrete structures apply to a wide range of applications in the three disciplines. This is being introduced at the present time because the department intends to request an ABET accreditation visit in the next two years. Teaching the course in our department should aid our efforts to gain accreditation.

D. How often will the course be offered?

E.

This course will be offered at least once per year during the spring or fall semester.

F. How will the course be staffed?

Full-time faculty in the department will teach the course.

Faculty associated with the department will teach the course.

G. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Contact	Agreement	Date
Dr. Don Carnahan	Yes	9/15/05

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

At the end of each semester in which this course is taught the instructor will fill in a Faculty Course Assessment Report. The core curriculum committee of the department will review this report annually along with collected samples of student projects for adherence to course and program objectives.

COMS 2903/ Discrete Structures for Technical Majors
ARKANSAS TECH UNIVERSITY
Department of Computer and Information Science

COURSE INSTRUCTOR: Staff Phone: 968-xxxx
Corley xxx E-Mail: xxx.xxx@mail.atu.edu
Web: blackboard.atu.edu

Office Hours: Class Hours:

TBA TBA

More to be added later

1. Other hours available by appointment or by chance.
2. When e-mailing questions, use a subject line of **xxxx Question**.

TEXT: Discrete Mathematics for New Technology, 2nd Edition; R. Garnier, J. Taylor; Institute of Physics. ISBN: 0750306521.

CATALOG DESCRIPTION: Prerequisite : MATH 1113. Fundamental mathematical concepts related to computer science and information systems, including logic and proof techniques ; sets, list, relations, and functions ; Algebraic Structures and Boolean Algebra ; Trees and Graphs.

GENERAL EDUCATION: Note: This course does not satisfy any of the General Education requirements. It is specifically used to meet requirements in the Computer & Information Science Department.

COURSE OBJECTIVES: A major objective of this course is to provide students with a systematic study of mathematical concepts that are fundamental to Computer Science and Information Systems, with applications.
Upon completion of this course, students will be able to understand and apply concepts of:
Logic and Proof techniques
Sets, Lists, Relations, and Functions
Algebraic Structures and Boolean Algebra
Trees and Graphs

JUSTIFICATION/RATIONALE FOR THE COURSE: An understanding of mathematical concepts and their applications is essential in working with the data structures that are at the foundation of programming.

ASSESSMENT METHODS: Grades will be based on class participation, written homework assignments, quizzes, and major exams.
The following percentage table will be used to assign scores:
90-100%--A; 80-89%--B; 70--79%--C; 60-69%--D; Below 60%--F

POLICIES:

1. Students are expected to adhere to all University policies and regulations as set forth in the ATU Catalog and Student Handbook. Note closely policies on absences, cheating, and plagiarism.
2. Each student is expected to do their own work. Evidence that you have submitted someone else's work will result in a zero on the work and could lead to being dropped from the course with an F.
3. Students are expected to complete all assignments on time. Late assignments, if accepted, may be subject to reduced credit.
4. Cell phones and pagers should ~~but~~ be turned off or set on vibrate. Do not answer cell phones during class. h

SCREEN: INST: I1 AU: A1 SID: 340629393 CRS: COMS2903 01 TERM: 062

FUNCTION: A=ADD; D=DELETE COLLEGE: SS
 COURSE TITLE: APPL COMPUTER GRAPHICS CREDIT TYPE: C
 COURSE TITLE2: COURSE LEVEL: U1
 TERM FIRST/FINAL: 873 / COURSE CAREER: U
 CRED MIN/MAX/CONN: 03.0 / / F DEPT. OF RECORD: COMS
 AWARD UNIT TYPE: S INSTR PROG CLASSIF:
 SPECIAL GRADING: CIP CODE: 110101 4
 TERMS OFFERED: COURSE CONTENT:
 ROLL CONTROL: A APPROVAL DATE:
 SKIP YR/TERM: Y PREV CRS ID/END TERM: /
 CROSSL COURSE: CURR CRS ID:
 COREQ COURSE: REPEATABLE FOR CRED: MAX HRS:

ACTIVITY	MIN	MAX	WEEKLY	TERM
CODE	ENR.	ENR.	CONT HRS	CONT HRS
FIRST: LEC		0020		
SECOND:				
THIRD:				
FOURTH:				

NEXT ID: DATE LAST MAINT: 11/16/90

Not in catalog and last offered prior to 2000.

2/27/06

Per Jammy Rhodes, registrar, delete and create as new course with different title.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Coms 3523

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

FACULTY SENATE—PASSED

11/10/2005

CURRICULUM COMM
—PASSED 10/26/05

ATTACHMENT A

PROPOSAL FOR A NEW COURSE: COMS 3523

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X _____

Submitted by:

Approved by: Department Head: Randy Moull

Dean of School: [Signature]

Reviewed by: Registrar: Yammy Woods

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 3523

Title for Catalog: Human Factors in Information Technology

*Title for Course Inventory: Human Factors in IT

Description:

Prerequisite: Junior standing in a computing major or instructor consent. A study of the major factors involve in Human-Computer Interaction. A system-oriented, multi-disciplinary approach to understand the human considerations in the design, testing, implementation, and administration of computer-based systems and information technology.

Effective date or term: Fall 2006
Spring 2006 I

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

IT professionals must be capable of assessing the impact various technologies will have on the user. This will be a required course for all students in the proposed B.S. of Information Technology. Students completing the B.S. degree in Information Systems or Computer Science may take this course as an elective.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

There is no overlap with any other course.

C. Is this course part of any general plan of development within your department? Explain.

This course is an integral part of the proposed B.S in Information Technology.

D. How often will the course be offered?

This course will be offered at least once per year during the spring or fall semester.

E. How will the course be staffed?

Faculty associated with the department will teach the course.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

At the end of each semester in which this course is taught the instructor will fill in a Faculty Course Assessment Report. The INFT curriculum committee will review this report annually along with collected samples of student projects for adherence to course and program objectives.

COMS 3523

Human Factors in Information Technology

Catalog Description

Prerequisite: Junior standing, or instructor consent

A study of the major factors involved in Human Computer Interaction. A system-oriented, multi-disciplinary approach, to better understanding human considerations in the design, testing, implementation, and administration of computer based systems and information technology.

Course objectives:

Students successfully completing this course should be able to properly consider the variety of factors that pertain to how humans interact with technology-based systems. Factors considered in this course include, but are not limited to, the following: psychological, cultural, and physical influences; interface design theories and principles; software tools, task-related structures, interaction devices; response and display rates, presentation style, and hypermedia.

Justification and rationale for the course:

As the number of people using information technology continues to increase and the variety and number of applications continues to expand, those information technology professionals tasked with implementing and administering these systems will need to deal with increasingly complex scenarios involving an organization's desire to improve productivity while, at the same time, providing for an appropriate user environment and system interface.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Coms 4063

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-05 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

FACULTY SENATE—PASSED

CURRICULUM COMM
—PASSED 10/28/05

11/10/2005

ATTACHMENT A

PROPOSAL FOR A NEW COURSE: COMS 4063

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X _____

Submitted by:

Approved by: Department Head: Jany Moull

Dean of School: [Signature]

Reviewed by: Registrar: [Signature]

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 4063

Title for Catalog: IT Project Administration

*Title for Course Inventory: IT Project Administration

Description:

This course will provide a thorough introduction to the art and science of Project Management, as it is applied in the Information Technology industry. The course studies the theories and practices of project management, incorporating the practices used by the Information Technology Project Manager during the project life cycle, while exposing future analysts, developers, team leaders and IT managers to the needs and requirements of such functional areas of the organization as Finance, Marketing and Production.

Effective date or term: Fall 2006

Summer I

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This will be a required course for all students in the proposed B.S. of Information Technology. Students completing the B.S. degree of Information Systems or Computer Science may take this course as an elective.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

There is perhaps a 10% overlap with COMS 4053 (Information Systems Resource Management) and COMS 4033 (Systems Analysis and Design I).

C. Is this course part of any general plan of development within your department? Explain.

This course is an integral part of the proposed B.S in Information Technology.

D. How often will the course be offered?

This course will be offered at least once per year during the spring or fall semester.

E. How will the course be staffed?

The course will be taught by faculty associated with the department.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

At the end of each semester in which this course is taught the instructor will fill in a Faculty Course Assessment Report. The INFT curriculum committee will review this report annually along with collected samples of student projects for adherence to course and program objectives.

ARKANSAS TECH UNIVERSITY COMS 4063 COURSE SYLLABUS

COMS 4063:
INSTRUCTOR:
TEXTBOOK:

Information Technology Project Administration
Nancy Titsworth

Information Technology Project Management, 3rd Edition, Schwalbe, Katy, *Thomson Learning*,
Cambridge MA

A Guide to the Project Management Body of Knowledge, 2000 Edition, *Project Management Institute*, ISBN # 1880410230

SOFTWARE

- Microsoft Office Professional (Word, Excel, Access, PowerPoint)
- Microsoft Project
- Microsoft Visio

Access to this software is available through the university computers. In addition, Access, Project and Visio are provided to the student by the Computer Science Department via Microsoft Development Network Academic Alliance program (MSDNAA).

JUSTIFICATION AND RATIONAL

Historically, approximately 16% of Information Technology projects are on time and within budget. At least 25% of Information Technology projects end in complete failure. The remaining approximately 41% are either behind schedule or over budget ... or both. This course will examine the reasons for Information Technology project failures and apply the skills, knowledge, and tools needed to ensure successful completion of Information Technology projects.

CATALOG DESCRIPTION:

This course will provide a thorough introduction to the art and science of Project Management, as it is applied in the Information Technology industry. The course studies the theories and practices of project management, incorporating the concepts, skills, tools, practices, processes, techniques, and resources used by the Information Technology Project Manager during the project life cycle, while exposing future analysts, developers, team leaders and IT managers to the needs and requirements of such functional areas of the organization as Finance, Marketing and Production. Students successfully completing this course should be able to:

COURSE OBJECTIVES

- Articulate the purpose and benefits of project management
- Explain the relationship between project management and the software development life cycle
- Apply key project management techniques to IT projects, such as:
 - risk management
 - estimation
 - assigning resources
 - establishing task interdependencies
 - drawing and analyzing network diagrams
 - performing critical path analysis
- Use various software packages to build flow, Gantt, WBS, PERT, and CPM charts and diagrams

GENERAL EDUCATION REQUIREMENTS COURSE REQUIREMENTS and POLICIES:

This course does not meet any General Education Requirements

On-time attendance is required. It is your responsibility to attend class regularly and be prepared to begin class at the scheduled time.

On-time assignment completion is required. Assignments are due at the beginning of class on the designated due date. Assignments turned in after the indicated due date will not receive credit.

No make-up exams will be given. Students are allowed to drop their lowest exam score. If an exam is missed, that exam will count as the lowest exam score.

Academic Dishonesty will not be tolerated. Anyone caught cheating (including plagiarizing) will be subject to any or all of the following: a zero for the work involved; an immediate "F" in the course; referral to college authorities for further discipline, including expulsion. Please refer to the student handbook and catalog for further descriptions of Academic Dishonesty.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Nov. 11, 2005 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) COMS 4213

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/15/2006 Delete Date _____ By DJ Evans

Fee? no Add to list? no Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE-PASSED
11/10/2005

ATTACHMENT A

PROPOSAL FOR A NEW COURSE: COMS 4213

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X

Submitted by:

Approved by: Department Head: Harry Morell

Dean of School: [Signature]

Reviewed by: Registrar: Yummy deudas

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 4213

Title for Catalog: Database Administration

*Title for Course Inventory: Database Administration

Description:

Prerequisites: COMS 4203. This course develops a comprehensive foundation in the planning, implementation and execution of database management polices and procedures. Topics include installation, storage and replication implementation, security management, indexing and performance tuning, and backup and recovery.

Effective date or term: Fall 2006

Summer I

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

Databases are the primary means used by businesses to organize its data for processing. Database administration is a primary concern of IT professionals. All students in the proposed B.S. on Information Technology will take this course. This course will also act as an elective for students completing the B.S. in Information Systems or Computer Science.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This will be the terminal course in web technology for students in the proposed degree in Information Technology. It is likely that this course will be cross-listed as a graduate course in the M.S. degree in Information Technology. There is about a 20% overlap between this course and INFT 5303 as it is currently configured.

C. Is this course part of any general plan of development within your department? Explain.

This course is an integral part of the proposed B.S in Information Technology.

D. How often will the course be offered?

This course will be offered at least once per year during the spring or fall semester.

E. How will the course be staffed?

Faculty associated with the department will teach the course.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

At the end of each semester in which this course is taught the instructor will fill in a Faculty Course Assessment Report. The INFT curriculum committee will review this report annually along with collected samples of student projects for adherence to course and program objectives.

COMS 4213 Database Administration

(DRAFT)

Catalog Description

Prerequisite: COMS4203

This course provides students a comprehensive foundation in the planning, implementation and execution of database management policies and procedures. It covers the skills and day-to-day duties of the database administrator, from installation, storage and replication implementation, security management, indexing and performance tuning, backup and recovery, to resolving political, legal and ethical issues in database administration.

Justification/Rationale for this course:

A successful database application and system relies on not only its robust data and database design but also a quality administration. Every organization that deploys databases using a DBMS also needs to implement database administration functions. Good database administration is the key to ensure effective and efficient use of databases by applications.

Course Objectives

Upon successful completion of this course, students will be able to

- Discuss the role and responsibilities of a database administrator;
 - Install and configure a database server
 - Set up user accounts and implement access controls
 - Perform database backup and recovery
 - Monitor and analyze database performance
 - Replicate and synchronize databases
-

Outline of Course Content: (subject to change at the discretion of the instructor)

1. The Role and Responsibilities of the DBA
2. Overview of Database Server Architecture and its Components
3. DBMS Installation--Server & Clients
4. Storage Management and Strategies
5. Access Control and Security Management
6. Implementing Replication
7. Backup, Recovery and Disaster Planning
8. Performance Monitoring and Tuning
9. Legal and Ethical Issues
10. Advanced DBA Topics
 - Resource Contention
 - Indexing Options
 - Query Optimization
 - Multi-DBMS Environments
 - System Diagnostics and Troubleshooting

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) COMS 4313

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO YES Cross-listed?
- NO YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____
Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-6-06 Delete Date _____ By R. Amits

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE-PASSED
11/10/2005

ATTACHMENT A

PROPOSAL FOR A NEW COURSE: COMS 4313

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X

Submitted by:

Approved by: Department Head: Jerry Morell

Dean of School: [Signature]

Reviewed by: Registrar: Jammy Brooks

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 4313

Title for Catalog: Web Server Administration

*Title for Course Inventory: Web Server Administration

Description:

Prerequisites: COMS 2333 and COMS 2733. The tools and techniques needed to administer a web server. Installation, configuration, and administration of a variety of web servers on different platforms.

Effective date or term: Fall 2006
Summer I

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

Web servers are the key component to enabling a business presence on the web. IT professionals must know how to install and configure a variety of servers and ensure they are secure. All students in the proposed B.S. on Information Technology will take this course. This course will also act as an elective for students completing the B.S. in Information Systems or Computer Science.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This will be the terminal course in web technology for students in the proposed degree in Information Technology. It is likely that this course will be cross-listed as a graduate course in the M.S. degree in Information Technology. There is about a 20% overlap between this course and INFT 5303 as it is currently configured.

C. Is this course part of any general plan of development within your department? Explain.

This course is an integral part of the proposed B.S in Information Technology.

D. How often will the course be offered?

This course will be offered at least once per year during the spring or fall semester.

E. How will the course be staffed?

Faculty associated with the department will teach the course.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

At the end of each semester in which this course is taught the instructor will fill in a Faculty Course Assessment Report. The INFT curriculum committee will review this report annually along with collected samples of student projects for adherence to course and program objectives.

ARKANSAS TECH UNIVERSITY COMS 4313 COURSE SYLLABUS

COMS 4313:	Web Server Administration
INSTRUCTOR:	Larry Morell
TEXTBOOK:	Silva, Web Server Administration, Course Technology, ISBN: 0-619-06439-0 © 2004
SOFTWARE	IIS, Apache, and Oracle Web Server, supplied by the department.
JUSTIFICATION AND RATIONAL CATALOG DESCRIPTION:	Web servers are the key component to enabling a business presence on the web. IT professionals must know how to install and configure a variety of servers and ensure they are secure. Prerequisites: COMS 2333 and COMS 2733. The tools and techniques needed administer a web server. Installation, configuration, and administration of a variety of web servers on different platforms.
COURSE OBJECTIVES	Students successfully completing this course should be able to: <ul style="list-style-type: none">➤ Install and configure at least two web servers on two different platforms.➤ Configure an intranet➤ Establish policies and procedures for maintaining the integrity of web sites..➤ Identify ways of responding to various web attacks.
GENERAL EDUCATION REQUIREMENTS COURSE OUTLINE	This course does not meet any General Education Requirements <ol style="list-style-type: none">1. The Basics of Server and Web Server Administration2. Preparing for Server Installation3. Installing the Server4. Name Resolution5. Managing a Server6. Configuring a Web Server7. Installing and Testing a Programming Environment8. Providing E-Mail Services9. Extending the Web Environment10. Securing the Web Environment11. . Monitoring and Analyzing the Web Environment

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion:

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Coma 4700

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite? Coma 4703 & 4713

Normal grading? P/F? Other? NG - Not Graded

This course may be repeated for degree credit NO times for a maximum of _____ hours.

Fees attached to class? Amount NO Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/15/2006 Delete Date _____ By Log Evans

Fee? NO Add to list? NO Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE--PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR A NEW COURSE: COMS 4700

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X

Submitted by:

Approved by: Department Head: Sunny Morell

Dean of School: [Signature]

Reviewed by: Registrar: Yammy Woods

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 4700

Title for Catalog: Networking Laboratory

*Title for Course Inventory (24 characters): Networking Lab

Description:

Co-requisite: Upper-level networking course. Laboratory exercises configuring computer networks.

Effective date or term: Fall 2006
Summer I

*Course fees: None

The reason for a zero-credit course is so students will know that a lab is required at registration time and will adjust their personal schedules. Establishing labs after students have registered has required the department to adjust to students personal schedules.

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

COMS 4703 and COMS 4713 develops a student's ability to design and build networks. This lab will provide these students with the resources needed to practice these activities. Having specified lab times will allow the department to utilize its resources better by allowing us to have a single lecture with multiple labs.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course will provide the lab access necessary for upper-level networking courses.

C. Is this course part of any general plan of development within your department? Explain.

This course will aid the development of a B.S. degree in Information Technology.

D. How often will the course be offered?

2-3 sections of this course will be offered for whenever an upper-level networking course is offered.

E. How will the course be staffed?

The labs will be covered by graduate assistants under the supervision of the instructor(s) of the upper-level networking courses.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

This course will be assessed as part of the process of assessing upper-level courses in networking. At the end of each semester each faculty member produces a Faculty Course Assessment Report. Data from COMS 4700 will be included in this report.

ARKANSAS TECH UNIVERSITY

COMS 4700 COURSE SYLLABUS

COMS 4700:	Networking Laboratory
INSTRUCTOR:	Rick Massengale
TEXTBOOK:	The same text used in the co-required upper-level course in networking.
SOFTWARE	Networking software available in the lab.
MATERIALS:	Optional but <i>strongly</i> suggested: Flash drive/jump drive/thumb drive/memory stick.
JUSTIFICATION AND RATIONAL	IT professionals must be able to build, diagnose, and repair PC's and homogeneous networks. This course will be taken along with a COMS upper-level networking course (COMS 4703, COMS 4713, and sometimes COMS 4983 (special topics)). There is no grade for this course; the work done in this course will contribute to the grade in the corresponding COMS upper-level networking course. The rules and regulations of this course will be defined on the syllabus for co-required COMS upper-level networking course.
CATALOG DESCRIPTION: COURSE OBJECTIVES	Co-requisite: An upper-level networking course. Laboratory exercises repairing and networking computers Students successfully completing this course should be able to: <ul style="list-style-type: none">➤ Build a network of consisting of machines running different operating systems.➤ Diagnose and repair problems in heterogeneous networks
GENERAL EDUCATION REQUIREMENTS COURSE Outline:	This course does not satisfy any General Education Requirements. Material for this course will be defined on the syllabus for the co-required COMS upper-level networking course.

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: Nov. 10, 2005 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Comd 4713

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite? Comd 4700

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit no times for a maximum of _____ hours.

Fees attached to class? Amount no Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 2/15/2006 Delete Date _____ By DJ Evans

Fee? no Add to list? no Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR A NEW COURSE: COMS 4713

To: Curriculum Committee

From: Computer and Information Science

Date submitted:

Request for: Course change _____ Course deletion _____ Course addition X _____

Submitted by:

Approved by: Department Head: Jerry Mord

Dean of School: John White

Reviewed by: Registrar: Gammy Woods

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: COMS 4713

Title for Catalog: Heterogeneous Networks

*Title for Course Inventory: Heterogeneous Networks

Description:

Pre-requisite: COMS 4703. Co-requisite: COMS 4700. The student will design, develop, implement and manage numerous heterogeneous networking operating system environments. The evaluation and development of needed policies and procedures are examined and developed, including the networking tools required for the development of a seamless heterogeneous networking system and environment. Participation in a designated lab outside of the regularly scheduled meeting time is required.

Effective date or term: Fall 2006

*Course fees: None Summer I

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

Modern networks involve many different platforms – Unix, Linux, OS/400, Windows, Novell, to name a few. IT professionals must know how to interconnect these various systems for maximum benefit to business. This course will be required for all students in the proposed B.S. of Information Technology. Students completing the B.S. degree of Information Systems or Computer Science may take this course as an elective.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

We currently teach an advanced version of this course at the graduate level and have offered this course as a special topics course several times at the undergraduate level.

C. Is this course part of any general plan of development within your department? Explain.

This course is an integral part of the proposed B.S in Information Technology.

D. How often will the course be offered?

This course will be offered at least once per year during the spring or fall semester..

E. How will the course be staffed?

The course will be taught by faculty associated with the department..

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not applicable.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

At the end of each semester in which this course is taught the instructor will fill in a Faculty Course Assessment Report. The INFT curriculum committee will review this report annually along with collected samples of student projects for adherence to course and program objectives.

COMS 4713

Heterogeneous Networks

Catalog Description

Prerequisite: COMS 4703

The student will design, develop, implement and manage numerous heterogeneous networking operating system environments. The evaluation and development of needed policies and procedures are examined and developed, including the networking tools required for the development of a seamless heterogeneous networking system and environment.

Objectives

Upon completion of this course, you will be able to:

1. Install, configure and implement a Microsoft 2003, Novell and Unix Based Server for a Heterogeneous Networking environment.
2. Diagnose need, configure and install TCP/IP Networking and Subnetting schemes for a Heterogeneous Networking Environment.
3. Assess, configure and implement hardware and numerous network services found in a Heterogeneous Network.
4. Analyze and design an administrative plan including budget constraints, policies, a rollout strategy and development of required administrative procedures to implement this plan.

General Education Requirements

This course does not satisfy any of the General Education requirements. It is specifically used to meet requirements in the Computer & Information Science Department.

Justification / Rational for Course

This course prepares the student to analyze, design, implement, troubleshoot and administer networks in a heterogeneous environment including local and wide area networking and networking tools and techniques utilizing the Internet.

CURRICULUM COMM
-PASSED 10/28/05

FACULTY SENATE—PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR PRE-REQUISITE CHANGES

To: Curriculum Committee
From: Department of Computer and Information Science
Date submitted: September 30, 2005

Request for: Course change X Course deletion Course addition
(Excluding course credit hour changes)

Submitted by: Larry Morell

Approved by: Department Head: Larry Morell

Dean of School [Signature]

Reviewed by: Registrar: Gammy Reeds

Vice President: _____

We request the following minor changes to pre-requisites:

- Remove COMS 2213 (Data Structures) as a pre-requisite for COMS 3903 – System Software and Architecture.
- Replace COMS 2213 with COMS 2203 as a pre-requisite for COMS 4203 – Database Systems
- Add COMS 2213 as a pre-requisite to COMS 4303 – Client/Server
- Add COMS 2903 as a pre-requisite to COMS 2213 – Data Structures, to COMS 4703 – Data Communications and Networking, and to COMS 4203 – Databases.
- Replace “COMS 2104” with “Passed COMS 2104 with a C or better” in the pre-requisite list for COMS 2203.

Justification:

Course content for COMS 3903 nor COMS 4203 can be taught without requiring Data Structures (COMS 2213) as a pre-requisite. COMS 4203, however, does require a full year of programming, which corresponds to COMS 2203: Foundations of Computer Programming II. COMS 4303 requires programming through COMS 2213 (data structures). The new COMS 2903 – Discrete Structures for Technical Majors will show students better how discrete mathematics applies to topics in computing. COMS 2213, COMS 2203, and COMS 4703 all require this background. Students who do not pass COMS 2104 with a C or better rarely pass COMS 2203 and struggle throughout the rest of their degree program.

FACULTY SENATE—PASSED

CURRICULUM COMM
—PASSED 10/29/05

11/10/2005

ATTACHMENT B

CURRICULUM PROPOSAL for a B.S in Information Technology

To: Curriculum Committee

From: Computer and Information Science

Date Submitted: October 1, 2005

Type of Curriculum Change Requested: Addition of a B.S. in Information Technology

Submitted By:

Approved By: Department Head: Jerry Morrell

Dean of School: John White

Reviewed By: Registrar: Jammy Woods

Vice-President for Academic Affairs: _____

I. Program or curriculum change as it will appear in the catalog.
See attached curriculum matrix and curriculum sheet

II. Course Information

A. Rationale for the requested change.

The areas of computing are forever diversifying. What was once "Computer Science" has now grown into several disciplines and sub-disciplines, including Information Systems, Computer Science and Information Technology. During the past five years, the department has added an M.S. degree in Information Technology, an A.S. degree in Information Technology, and a B.S. degree in Information Systems. We are now proposing a B.S. degree within Information Technology. This degree holds great promise and we expect it will become as large as our other two B.S. degree programs within a few years. Two of the top five job categories to experience the largest numerical growth in the U.S. during the years 2002-2012 are in the area of Information Technology, according to the U.S. Department of Labor. We have at least 10 current students who are immediately interested in beginning this program.

The B.S. in Information Technology prepares students for careers in administering heterogeneous computer systems and networks. The curriculum consists of an integrated set of courses in networking, web development and administration, database development and administration, systems administration, and computer forensics.

This degree differs from each of our other programs by emphasizing systems administration and de-emphasizing programming. This degree will attract students who wish a career in computing, but who do not want to be programmers. Easily one out of three of our graduates take jobs in what could be called Information Technology. This degree is designed for such students, giving them greater depth and breadth of experience in areas they are pursuing.

A standard degree at Tech is 124 hours. This program is 126 hours because of the inclusion of a four-credit course in programming along with the introductory one-hour orientation lab.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

The degree will require re-allocation of teaching resources in the department. The degree requires that we teach six additional courses each year. We will be able to free faculty to teach these additional sections by reducing the number of multiple-section courses and by more effective use of graduate assistants and adjuncts. For example, we will reduce COMS 4033/4043 to one time per year (from two), create larger sections of COMS 2703 and 4703 by using graduate assistants for the lab, and move two faculty who teach COMS 1003 to teaching in this new program (replacing them with adjuncts). In addition, courses offered in this new program can serve as electives for the existing program, and *vice versa*. Labs for the networking and PC repair components for the new program already exist.

2. Outside the department.

Some of the courses in this new program will be of interest to students in other disciplines, e.g. engineering and business. The existence of this program will not affect any other program outside the department, with two exceptions. COMS 2700 will now be required for students completing the Information Technology options in Professional Studies and General Studies. Both Dr. Duncan and Dr. Rollans have agreed to this change.

C. Effective date or term.

D. ****When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)**

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. Rollans/Professional Studies	Yes	9/27/05
2. Dr. Duncan/General Studies	Yes	9/27/05

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

The required University Assessment Form is attached to this proposal.

*Updated 8/1/04
**Update 9/1/05

Proposed Curriculum in <u>Information Technology</u>							
Bachelor of <u>Science</u>							
Degree Completion Plan Beginning in Fall Semester							
Freshman				Sophomore			
Fall		Spring		Fall		Spring	
✓ COMS 1403	3	✓ COMS 1333	3	✓ COMS 2203	3	✓ COMS 2003	3
✓ COMS 1411	1	✓ COMS 2104	4	✓ COMS 2333	3	✓ COMS 2713	3
✓ MATH 2243	3	✓ Science	4	✓ COMS 2700	0	✓ COMS 2733	3
✓ Social Science ^{1,3}	6	✓ Social Science ^{1,3}	3	✓ COMS 2703	3	✓ BUAD 2053	3
✓ ENGL 1013 ³	3	✓ ENGL 1023 ³	3	✓ ENGL 2053	3	✓ Elective	3
				✓ COMS 2903	3	✓ Physical Activity ³	1
Total Hours	16	Total Hours	17	Total Hours	15	Total Hours	16
Junior				Senior			
Fall		Spring		Fall		Spring	
✓ COMS 3903	3	✓ COMS (3000-4000 level) ²	3	✓ COMS (3000-4000 level)	3	✓ COMS 3053	3
✓ COMS 4203	3	✓ COMS 3523	3	✓ COMS 4033	3	✓ COMS 4043	3
✓ COMS 4313	3	✓ COMS 4700	0	✓ COMS 4213	3	✓ COMS 4063	3
✓ SPH 2173	3	✓ COMS 4703	3	✓ COMS 4700	0	✓ Electives (3000-4000) ^{2,3}	3
✓ Humanities ³	3	✓ Science ³	4	✓ COMS 4713	3	✓ Physical Activity ³	1
		✓ Elective (3000-4000 level) ²	3	✓ Social Science ^{1,3}	3	✓ Fine Arts ³	3
Total Hours	15	Total Hours	16	Total Hours	15	Total Hours	16
Degree Completion Plan Beginning in Spring Semester							
Freshman				Sophomore			
Spring		Fall		Spring		Fall	
COMS 1403	3	COMS 2003	3	COMS 1333	3	COMS 2333	3
COMS 1411	1	COMS 2104	4	COMS 2203	3	COMS 2903	3
MATH 2243	3	COMS 2700	0	COMS 2713	3	ENGL 2053	3
Social Science ^{1,3}	3	COMS 2703	3	COMS 2733	3	BUAD 2053	3
Science ³	4	Social Science ^{1,3}	3	SPH2173	3	Science ³	4
ENGL 1013 ³	3	ENGL 1023 ³	3				
Total Hours	17	Total Hours	16	Total Hours	15	Total Hours	16
Junior				Senior			
Spring		Fall		Spring		Fall	
COMS 3523	3	COMS 3903	3	COMS (3000-4000) ²	3	COMS Elec (3000-4000) ²	3
COMS 4063	3	COMS 4033	3	COMS 3053	3	COMS 4213	3
COMS 4700	0	COMS 4203	3	COMS 4043	3	COMS 4313	3
COMS 4703	3	COMS 4700	0	Elective (3000-4000) ²	3	Humanities ³	3
Social Science ^{1,3}	3	COMS 4713	3	Fine Arts ³	3	Elective (3000-4000) ²	3
Elective	3	Social Science ^{1,3}	3			Physical Activity	1
		Physical Activity ³	1				
Total Hours	15	Total Hours	16	Total Hours	15	Total Hours	16

¹The following course is required: ECON 2003

²One elective must be in the area of networking

³ See appropriate alternatives or substitutions in "General Education Requirements" on page

Fall/Spring Curriculum for Proposed B.S. in INFT

		Fall	Spring
Freshman Year			
COMS 1403	Orientation to Computing, Information and Technology	3	
COMS 1411	Orientation Lab	1	
SocSci	Social Science ¹	6	
MATH 2243	Calculus for Business and Economics	3	
ENGL 1013/1023	English Composition I, II	3	3
COMS 1333	Web Publishing I		3
COMS 2104	Foundations of Computer Programming I		4
Science	Science		4
SocSci	Social Science ¹		3
		16	17
Sophomore Year			
COMS 2203	Foundations of Computer Programming II	3	
COMS 2333	Web Publishing II	3	
COMS 2700/2703	Computer Networks and Architecture	3	
COMS 2903	Discrete Structures	3	
ENGL 2053	Technical Communication	3	
COMS 2003	Microcomputer Applications		3
COMS 2713	Survey of Operating Systems		3
COMS 2733	Introduction to Computer Forensics and Security		3
BUAD 2053	Business Statistics		3
Elective	Elective ✓		3 ✓
PhyAct	Physical Activity		1
		15	16
Junior Year			
COMS 3903	Systems Software and Architecture	3	
COMS 4203	Database Concepts	3	
COMS 4313	Web Server Administration	3	
SPH 2173	Business and Professional Speaking	3	
Hum	Humanities	3	
COMS 3/4xx	COMS Elective ²		3
COMS 3523	Human Factors in Information Technology		3
COMS 4700/4703	Data Communications and Networks		3
Elective 3/4xx ✓	Elective ²		3 ✓
Science	Science		4
		15	16
Senior Year			
COMS 3/4xx	COMS Elective ²	3	
COMS 4033	Systems Analysis and Design I	3	
COMS 4213	Database Administration	3	
COMS 4700/4713	Heterogenous Networking	3	
SocSci	Social Science ¹	3	
COMS 3053	Implications of Technology on Society		3
COMS 4043	Systems Analysis and Design II		3
COMS 4063	IT Project Administration		3
Elective 3/4xx ✓	Elective (3000-4000 level) ²		3 ✓
FineArt	Fine Arts		3
PhyAct	Physical Activity		1
		15	16

1 The following course is required: Econ 2003

Last Updated: 10/20/05

2 One upper-level elective must be in the area of networking

Spring/Fall Curriculum in Information Technology

			Spring	Fall
Freshman Year				
COMS	1403	Orientation to Computing, Information, and Technology	3	
COMS	1411	Orientation Lab	1	
MATH	2243	Calculus for Business and Economics	3	
Science		Science	4	
ENGL	1013/1023	English Composition I, II	3	3
SocSci		Social Science ¹	3	3
COMS	2003	Microcomputer Applications		3
COMS	2104	Foundations of Computer Programming I		4
COMS	2700/2703	Computer Networks and Architecture		3
			<hr style="border: 1px solid black;"/>	
			17	16
Sophomore Year				
COMS	2203	Foundations of Computer Programming II	3	
COMS	1333/2333	Web Publishing I and II	3	3
COMS	2713	Survey of Operating Systems	3	
COMS	2733	Intro to Computer Forensics & Security	3	
SPH	2173	Business and Professional Speaking	3	
			<hr style="border: 1px solid black;"/>	
COMS	2903	Discrete Structures		3
ENGL	2053	Technical Communication		3
Science		Science		4
BUAD	2053	Business Statistics		3
			<hr style="border: 1px solid black;"/>	
			15	16
Junior Year				
COMS	3253	Human Factors in Information Technology	3	
COMS	4063	IT Project Administration	3	
COMS	4700/4703	Data Communications and Networks	3	
SocSci		Social Science ¹	3	
Elective		Elective	3	
COMS	3903	Systems Software and Architecture		3
COMS	4203	Database Concepts		3
COMS	4700/4713	Heterogenous Networking		3
COMS	4033	Systems Analysis and Design I		3
SocSci		Social Science ¹		3
PhyAct		Physical Activity		1
			<hr style="border: 1px solid black;"/>	
			15	16
Senior Year				
COMS	3/4xx	COMS Elective ²	3	
COMS	3053	Implications of Technology on Society	3	
COMS	4043	Systems Analysis and Design II	3	
Elective	3/4xx	Elective ²	3	
FineArt		Fine Art	3	
PhyAct		Physical Activity		1
COMS	3/4xx	COMS Elective ²		3
COMS	4213	Database Administration		3
Hum		Humanities		3
COMS	4313	Web Server Administration		3
Elective	3/4xx	Elective ²		3
			<hr style="border: 1px solid black;"/>	
			12	16

1 The following courses is required: ECON 2003
 2 One elective must be in the area of networking

Program Assessment Form (At least one of these forms should be completed for each program at each level)
 Degree Producing Academic Unit B.S. Information Technology Planning Cycle 2005/2006 Page 1 of 1

Educational Objectives (Student Outcomes)	Measures to be Used/Criteria for Success	Actual Results Obtained	Use of Results for Improvement
* 3-5 major ones for each degree producing unit recommended	How will you measure the outcome? Multiple measures may be used. At what degree, do you expect these outcomes to be present?	When you measured, (observed, surveyed, etc.) what did you find?	What impact did this have on the unit And how will you use this for improvement? This should lead Directly to next year's plan.
1. Analyze, identify and define the requirements that must be satisfied to address problems or opportunities faced by organizations or individuals;	All students enrolled in COMS 4043, Systems Analysis and Design II, must participate in a team project. 80% of those students will receive a score of 80%, or better, on the team project.		
2. Collaborate in teams to accomplish a common goal by integrating personal initiative and group cooperation;	All students enrolled in COMS 4043, Systems Analysis and Design II, must participate in a team project. 80% of those students will receive a score of 80%, or better, on the team project.		
3. Demonstrate an understanding of best practices and standards and their application;	After successfully completing COMS 4713, Heterogeneous Networks, 80% of those students who take the CompTia Network+ Certification Exam will score 70%, or better.		
4. Analyze the impact of information technology on individuals, organizations and society, including ethical, legal and policy issues;	After successfully completing COMS 3053, Implications of Technology on Society, 80% of those students will have an average exam score of 75%, or better.		

Curriculum Change Proposal for the B.S. in Information Systems

To: Curriculum Committee

From: Department of Computer and Information Science

Date Submitted: 9/30/05

Type of Curriculum Change Requested:: Modification of program for B.S. in Information Systems

Submitted By: Larry Morell

Approved By: Department Head: Larry Morell

Dean of School: [Signature]

Reviewed By: Registrar: Jammy Woods

Vice-President for Academic Affairs _____

- I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

See new modification of appropriate fall/spring and spring /fall schedules that follows. We are requesting that COMS 2700 be added as a zero-credit lab for COMS 2703 and that COMS 4700 be added as a zero-credit lab for upper-level networking courses. Furthermore we are requesting that MATH 2703 (Discrete Mathematics) be replaced with COMS 2903 (Discrete Structures for Technical Majors), a new course proposed separately. To align the fall-start curriculum and the spring-start curriculum two courses have been shifted on the spring-start curriculum.

II. Course Information

A. Rationale for the requested change.

See the attached descriptions of COMS 2700 and COMS 4700 for details. We are requesting that these zero-credit laboratories be added to the curriculum to improve our ability to schedule laboratories for our hardware and networking courses: COMS 2703/2003 have been swapped and COMS 4203/Social Science have been swapped.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

COMS 2700/4700 will be staffed by graduate assistants. The physical facilities already exist. COMS 2903 will require one additional course to be taught by a full-time faculty member in the department each year. Judicious use of adjunct funds will provide the needed resources.

2. Outside the department.

It is likely that requiring COMS 2903 will reduce the number of sections needed for MATH 2703.

C. Effective date or term. Fall 2006

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

Not Applicable.

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. . Dr. Don Carnahan/Math	Yes	9/15/05

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

See attachments.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04
**Updated 9/1/05

Changes to the BS in IS Curriculum

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Science Delete: MATH 2703, Phys. Activity Total Hours: Unchanged
Sophomore Fall Semester Add/Change: COMS 2700, COMS 2903, Physical Activity Delete: Science Total Hours: Unchanged	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: COMS 4700 Delete: Total Hours: Unchanged
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: COMS 2700, COMS 2703 , COMS 2903 Delete: COMS 2003, MATH 2703 OK Total Hours: Unchanged
Sophomore Spring Semester Add/Change: COMS 2003 Delete: COMS 2703 Total Hours: Unchnge	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: COMS 4700, Social Science Delete: COMS 4203 Total Hours: Unchanged	Junior Fall Semester Add/Change: COMS 4203 Delete: Social Science Total Hours: Unchanged
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours Unchanged	

FACULTY SENATE—PASSED

11/10/2005

CURRICULUM COMM
— PASSED 10/1/05

PROPOSAL FOR COURSE CHANGE

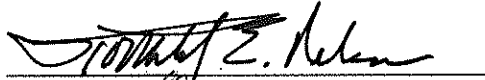
To: Curriculum Committee
From: Electrical Engineering Department

Date submitted: 10/1/05


Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Patricia Buford

Approved by: Department Head:



Dean of School:



Reviewed by: Registrar:



Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

Proposed Change:

ELEG 2113 Electric Circuits II

prerequisite

The proposed change to this course is the addition of the ^{prerequisite} corequisite of MATH 3243 – Differential Equations I.

Rationale:

If students follow the sequence of courses in the EE curriculum, MATH 3243 is a corequisite of ELEG 2113. Many times students are “off track” and this written corequisite will ensure these students have the proper math background for success with this course.

ELEG 2113 Electric Circuits II

Prerequisite: ELEG 2103 or consent of instructor. Corequisite MATH 3243. A continuation of ELEG 2103 covering phasor analysis, steady state power, complex network functions, frequency response, transformers, Laplace methods. Lecture three hours.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number:

Title for Catalog:

*Title for Course Inventory (24 characters):

Description:

Effective date or term:

*Course fees:

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

C. Is this course part of any general plan of development within your department? Explain.

D. How often will the course be offered?

E. How will the course be staffed?

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. Dr. Jeff Robertson

yes

9/29/05

2.

3.

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04
**Updated 9/1/05

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11-10-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) ELEG 4133

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: DOE

Fee attached? NO Course being replaced? Some course CURR CRS ID completed? Checked future terms?

Screen 125: Add date 7-6-06 Delete Date _____ By L. Smith

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED

10/7/05

FACULTY SENATE—PASSED

11/10/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE


To: Curriculum Committee

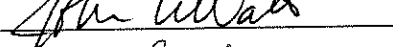
From: Department of Electrical Engineering

Date submitted: September 30, 2005

Request for: Course change Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Carl Greco

Approved by: Department Head: 

Dean of School: 

Reviewed by: Registrar: 

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

The existing course title is not reflective of the course content. Application-Specific Integrated Circuit (ASIC) Design has evolved over the last several years into a specific type of hardware implementation. New technology has allow "application specific" designs to be implemented in several different hardware devices at lower cost and requiring a shorter development cycle. The new course title is not linked to any one type of hardware implementation.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

No change from current description.

Number: ELEG 4133

Title for Catalog: Advanced Digital Design

*Title for Course Inventory (24 characters): Advanced Digital Design

Description:

Effective date or term: Spring 2006
Summer 1

*Course fees: None

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it?
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?
- C. Is this course part of any general plan of development within your department?
Explain.
- D. How often will the course be offered?
- E. How will the course be staffed?
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04
**Updated 9/1/05

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MCEG 3042

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-7-06 Delete Date _____ By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

11/10/2005

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Mechanical Engineering

Date submitted: September 30, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Robert Frasier

Approved by: Department Head: _____
Dean of School _____

Reviewed by: Registrar: _____
Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: Co-requisite: MCEG 3043. Laboratory experiments in heat treating, phase transformation, plastic deformation, work hardening and creep. Concepts and topics from MCEG 3043 are emphasized in the lab exercises. Failure analysis modes and examples are included. Lecture one hour, lab three hours.

Number: MCEG 3042

Title for Catalog: Metallurgy Laboratory

*Title for Course Inventory (24 characters): Metallurgy Laboratory

Description: The lab course provides students with an opportunity to experience the concepts and techniques discussed in MCEG 3XX3 from a hands-on perspective. The lab places heavy emphasis on observation, interpretation and analysis of experimental processes, including heat treating, phase transformations, plastic deformation, work hardening and creep of common metals. Integrated into the lab work is the use of physical metallurgy principles in failure analysis. Students are provided with real-world examples of failed metal machine components, which are examined from the perspective of how the metallurgy and mechanisms discussed in the MCEG 3XX3 explain the observations and results.

Effective date or term: Fall, 2006

*Course fees: N/A

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course will serve as an elective lab for upper-division mechanical engineering students. It expands on an existing strand of courses dealing with engineering materials and will serve as a basis for students who choose to pursue graduate work in the materials/failure analysis fields.

In addition, there is sufficient student demand for an alternative to the existing two elective lab courses. The establishment of this lab will give students another choice for fulfilling this requirement.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course does not overlap any existing courses but, instead, complements the proposed MCEG 3043 course giving the student an opportunity for hands-on experiences in the topics covered in MCEG 3043.

C. Is this course part of any general plan of development within your department? Explain.

This course continues the department's efforts to provide comprehensive and logical sequences of elective courses so that students can specialize in a specific area instead of taking a number of random, unrelated electives.

D. How often will the course be offered?

The course will be offered in conjunction with the proposed MCEG 3043. It thus may be offered as often as once per year to as infrequently as once per two years.

E. How will the course be staffed?

Dr. Robert Frasier has extensive knowledge of metallurgy and failure analysis and he will be chiefly responsible for offering this course. As the course will be included in the department's electives schedule, no additional faculty will be required.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Ron Nelson, EE	Yes	9/23/05
2. Larry Morrell, COMS	Yes	9/26/05

3. Jeff Robertson, Physical Science No objections 9/29/30

4.

5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

As an elective course, the proposed course will integrate into the department's assessment process in the same manner as the existing lab electives. All course related evaluation processes will be carried out for the proposed course in the same manner as for existing courses.

MCEG 3042
Physical Metallurgy Laboratory

Instructor	Dr. Robert Frasier
Office Hours	1330-1800 M, F 1300-1800 T
Office	CES 154
e-mail:	robert.frasier@atu.edu
Office phone	968-0497

Course Objective:

This lab provides students the opportunity to put into practice the theories learned in the prerequisite courses and to gain hands—on experience with experimental data acquisition and reduction.

Co-Requisite Course(s): MCEG 3043

Attendance:

Attendance for ALL labs is required, unless prior arrangements have been made. In general, the only acceptable reason for missing a lab is a medical emergency.

Evaluation:	Formal Reports	100 pts each.
	Student Designed Lab & Report	100 points
	Peer Review and Self Evaluation	100 points.
	Attendance, and Participation	100 points

Grading: Grades will be awarded on a straight percentage basis. I am not planning to use any curve at this time. 90% and above, A; 80% and above, B; 70% and above, C; 60% and above, D. Below 60% is failing.

Teams:

Students work in teams of 3 or 4. Reports are prepared as a team, with each member responsible for one or more sections of the report.

Policies:

SAFETY GLASSES are the property and responsibility of the individual student. Safety glasses must be ANSI Z-87 rated and worn at ALL TIMES when in the lab area.

No cellphones, beepers or pagers in class or lab. **TURN THEM OFF.** Failure to do so will get you kicked out of lab and a grade of zero for that day.

All scheduled assignments must be completed on time unless you make arrangements well in advance of the due date. In general, the only acceptable reason for missing an assignment is a medical emergency.

Errors in adding up points can be discussed after papers are returned. Point assignments are not open to discussion.

MCEG 3042
Physical Metallurgy Laboratory

Additional Instruction: My goal is to help you understand this material. If you are having trouble, *PLEASE* come talk to me. If you cannot come during my scheduled office hours, contact me to schedule another time. I will make every effort to help you out. However, please do not try to talk to me in the 30 minutes prior to a scheduled class.

Written Submissions

1. A major part of engineering is written communication; of lab work, design studies and problem solving/analysis. **Heavy** emphasis will be placed on neatness, clarity, organization and readability of your work. I retain significant freedom to downgrade your work due to poor readability, poor spelling, improper sentence structure, etc.
2. Any written submissions, except tests and routine homework, must be typed and follow a standard report format. All Reports Must Be Bound In A 3-Ring Binder! You do not need to reference assistance from me. You must reference assistance from your other instructors and fellow students with a proper bibliographic citation. Obviously, any information taken from books, the internet or other reference sources must be appropriately referenced as endnotes.

Academic Integrity

As engineers, you will be responsible for upholding the ethics of the profession. As students, you are expected to follow the same ethical canons. The Arkansas Tech University Student Code Of Conduct lays out very strictly the rules for academic conduct. Special attention should be paid to Article III, section B and Article IV section D (pages 10-14, Student Handbook, 2003-2004). I do not expect any problems of this nature. Be forewarned that any instance of academic dishonesty will be dealt with immediately and severely in accordance to University Policy. The minimum sanction for academic dishonesty will be a grade of zero for the work in question.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MCEG 3043

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-7-06 Delete Date _____ By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Mechanical Engineering

Date submitted: September 30, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Robert Frasier

Approved by: Department Head: *[Signature]*
Dean of School: *[Signature]*

Reviewed by: Registrar: *[Signature]*
Vice President: *[Signature]*

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: Pre-requisites: MCEG 2023, MCEG 3013, MCEG 3313. This course provides the student with an in-depth background to the mechanisms and applications of dislocation motion, crystal plasticity, phase transformations and solidification processes. Common industrial and experimental processes are studied for both ferrous and non-ferrous materials. Lecture three hours.

Number: MCEG 3043

*Co-requisite MCEG 3042?
Use course addition proposal for
MCEG 3042.*

Title for Catalog: Physical Metallurgy

*Title for Course Inventory (24 characters): Physical Metallurgy

Description: This course provides upper division mechanical engineering students with an in-depth background to the mechanisms and applications of dislocation motion, crystal plasticity, phase transformations and solidification processes. The course emphasizes application of theoretical concepts to understanding common industrial and experimental processes, including casting, annealing and heat treating. Both ferrous and non-ferrous binary systems are studied, with the most emphasis being placed on the iron-carbon system. Heat treating and hardening of steel and aluminum alloys is discussed from first principles and in depth.

Effective date or term: ~~Fall, 2006~~
Spring 2007

*Course fees: N/A

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course will serve as an elective course for upper-division mechanical engineering students. It expands on an existing strand of courses dealing with engineering materials and will serve as a basis for students who choose to pursue graduate work in the materials/failure analysis fields.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course does not overlap any existing courses but, instead, complements the existing MCEG 2023 and MCEG 3023 courses giving the student an opportunity to complete a logical sequence of elective courses in the materials science area.

C. Is this course part of any general plan of development within your department? Explain.

This course continues the department's efforts to provide comprehensive and logical sequences of elective courses so that students can specialize in a specific area instead of taking a number of random, unrelated electives.

D. How often will the course be offered?

The course will be included in the department's rotating schedule of elective courses. It may be offered as often as once per year to as infrequently as once per two years.

E. How will the course be staffed?

Dr. Robert Frasier has extensive knowledge of metallurgy and failure analysis and he will be chiefly responsible for offering this course. As the course will be included in the department's electives schedule, no additional faculty will be required.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Ron Nelson, EE	Yes	9/23/05
2. Larry Morrell, COMS	Yes	9/26/05
3. Jeff Robertson, Physical Science	No objections	9/29/30
4.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

As an elective course, the proposed course will integrate into the department's assessment process in the same manner as all other 3000-level electives. All course related evaluation processes will be carried out for the proposed course in the same manner as for existing courses.

MCEG 3043 – Physical Metallurgy

Instructor: Dr. Frasier CES 154 968-0497
 Office Hours: 1400-1800 M, F
 1600-1800 T
 e-mail: robert.frasier@mail.atu.edu

Pre-Requisite courses: MCEG 2023, MCEG 3313, MCEG 3013.

Text: Physical Metallurgy Principles, Reed-Hill and Abbaschian, 3rd edition.

Supplementary Material: Mechanics of Materials, 3rd Ed. Beer and Johnston
 Class Handouts.

Course Objectives

1. Develop the basic theories and constructs of why metals behave as they do, and how to manipulate their behavior.
2. Evaluate the common crystal structures found in engineering metals, and learn to use the tools and nomenclature of crystallography.
3. Learn to work with dislocations, and evaluate the effect of dislocation type and density on mechanical properties as a function of crystallography.
4. Learn to apply Gibbs' and Fick's laws for phase transformations, and reaction rate.
5. Analyze solidification and phase transformations using Gibbs' and Fick's laws.
6. In—depth study of deformation twinning and martensite reactions.

Grading

Grades will be awarded on a straight percentage scale; 90% and above—A, 80%—B, 70%—C, 60%—D. Below 60% is failing. Normally, I do not use a curve. Grades will be based on the following:

Homework	10%
Notebooks	4%
Exams (3 during the semester)	19 percent each (57% total)
In-class quizzes	10%
Comprehensive Final	<u>19%</u>
Total	100%

Policies

Attendance is neither mandatory nor recorded after the first 11 class days. Attendance is highly recommended, as the lessons will contain material that is not necessarily in the text.

No cellphones, beepers or pagers in class. **TURN THEM OFF**. Failure to do so will get you kicked out of class.

Study assignments for each lesson will be posted on the board during the previous class. You should come to class with a general understanding of the major concepts to be discussed that day.

You are responsible for bringing the textbook, a calculator, notetaking materials and any additional tools needed for class or a test.

MCEG 4993 Physical Metallurgy
Fall Semester, 2005, Syllabus and Policies

You can expect to spend approximately 2-3 hours per class period on outside assignments.

All scheduled tests and assignments must be completed on time unless you make arrangements well in advance of the due date. In general, the only acceptable reason for missing an assignment is a medical emergency.

At my discretion, there will be multiple unannounced quizzes during the term. Quizzes cannot be made up later. The point value of the quiz will be announced at the time. The quizzes count for 10% of your final grade. In general, the quizzes will be based on recent assignments. However, I retain the right to administer a quiz on any topic I feel is relevant to the course.

Save **ALL** class notes, graded, returned work, *everything*, for your notebook, which will be turned in at the end of the term. The notebook is worth 4% and will be evaluated on completeness, organization, and neatness.

Errors in adding up points can be discussed after papers are returned. **Point assignments are not open to discussion.**

Additional Instruction: My goal is to help you understand this material. If you are having trouble, please come talk to me. If you cannot come during my scheduled office hours, contact me to schedule another time. I will make every effort to help you out. However, please do not try to talk to me in the 30 minutes prior to any scheduled class.

Homework

Homework is due **at the beginning of the next class period** unless announced with the assignment. **Late assignments will not be accepted.**

Assignments must be turned in on "engineering paper," double or triple spaced, neat and legible. Multiple pages **MUST BE STAPLED**. All problems must be identified and stated, **final solutions underlined or boxed in**. Skip extra lines between problems. Graphs should be computer generated when possible.

Homework Evaluation Criteria:

10 pts./problem Complete Problem Statement, Complete name, date, assignment #, page numbers.

- Knowns
- Unknowns
- Assumptions
- Descriptive Sketch (where applicable).
- Logical, complete solution.

5 pts./problem Missing one or at most two elements from above, or sloppy work.

0 pts./problem Poorly formed solution, no problem statement, missing three or more of the elements identified above.

Solutions: Homework solutions will be posted on the board outside of the classroom on the day they are due. At my discretion, some but not all, of the homework assignments will be solved in class after the assignments are turned in.

Written Submissions

1. A major part of engineering is written communication; of lab work, design studies and problem solving/analysis. Heavy emphasis will be placed on neatness, clarity, organization and readability of your work. I retain significant freedom to downgrade your work due to poor readability.

Academic Integrity

As engineers, you will be responsible for upholding the ethics of the profession. As students, you are expected to follow the same ethical canons. The Arkansas Tech University Student Code Of Conduct lays out very strictly the rules for academic conduct. Special attention should be paid to Article III, section B and Article IV section D (pages 10-14, Student Handbook, 2003-2004). I do not expect any problems of this nature. Be forewarned, that any instance of academic dishonesty will be dealt with immediately and severely in accordance to University Policy. The minimum sanction for academic dishonesty will be a grade of zero for the work in question.

This includes copying of homework, from your friends or from other sources. If I even suspect that homework is a copy of someone else's work, I retain the right to give you a zero for that assignment.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____

Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____

Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) MCEG 3991-2-3-4

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO ___ YES Cross-listed?

NO ___ YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit 4 times for a maximum of 99 hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7.7.06 Delete Date _____ By RA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

FACULTY SENATE--PASSED

11/10/2005

CURRICULUM COMM
--PASSED 10/7/05

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Mechanical Engineering

Date submitted: Sept. 27, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: John L. Krohn

Approved by: Department Head: *[Signature]*
Dean of School: *[Signature]*

Reviewed by: Registrar: *[Signature]*
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

- I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).
Prerequisite: Minimum of three hours at the junior level in area of study.
Individual or specialized study in advanced area under the direction of a faculty advisor.

Number: MCEG 3991-4

Title for Catalog: Special Problems in Engineering

*Title for Course Inventory (24 characters): Special Prob. in Engr.

Description: This course is a compliment to the existing MCEG(ELEG) 4991-4 and will allow the department to designate special courses at the appropriate level (junior or senior level). It will be offered on an as needed basis.

Effective date or term: Fall, 2006
Summer II

*Course fees: none

- II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course is needed to allow the department to designate the appropriate level to courses offered as special problem courses. From time to time the department tests new courses or offers existing courses in a hardship situation under the existing MCEG(ELEG) 4991-4 course number. The addition of this course will allow such courses to be offered as a junior level course or senior level course as appropriate.

- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

The proposed course will not overlap with other courses being offered by the department. A particular course offering will either be appropriately listed as 399x or 499x.

- C. Is this course part of any general plan of development within your department? Explain.

The proposed course addresses a shortcoming with the department's current list of courses when a special problems course is used by a student to complete required elective hours. The department requires a specific number of 4000-level elective hours and some special problems courses are more appropriately labeled as 3000-level courses.

- D. How often will the course be offered?

The proposed course will be offered on an as needed or on demand basis.

- E. How will the course be staffed?

The proposed course will be staffed with the existing faculty of the department.

- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Ron Nelson, Electrical Eng.	Yes	Sept. 22, 2005
2. Larry Morrell, COMS	Yes	Sept. 26, 2005
3. Jeff Robertson, Physical Sci.	Yes	Sept. 29, 2005
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05

Integration with assessment process

The proposed course will primarily be used as a means of offering new courses on a "test" basis and of offering existing courses when needed for hardship cases. Thus, the course will integrate into the department's assessment process in the same manner that any other elective course does or, in the case of a hardship offering, in the same manner as the existing course. The impetus behind the creation of this course came from the department's assessment process which identified the current problem with all special problems courses being listed as 4000-level courses when some, in fact, were 3000-level material.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11-10-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Math 3163

_____ Correct Effective Term

_____ Correct Course Title

_____ Correct Course Level, _____ Correct Course Career

_____ Correct hours (CRED MIN)

_____ Correct Department

_____ Correct CIP Code

_____ Correct Approval Date

_____ NO _____ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____

(Not necessary if same course number, name change only)

_____ NO _____ YES Cross-listed?

_____ NO _____ YES Co-requisite?

_____ Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit _____ times for a maximum of _____ hours.

Fees attached to class? Amount _____ Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): Math 3163 Correct End date: 062 ✓

Fee attached? NA Course being replaced? CURR CRS ID completed? NA Checked future terms?

Screen 125: Add date _____ Delete Date 7-7-06 By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____ ✓

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 11-10-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) _____

_____ Correct Effective Term

_____ Correct Course Title

_____ Correct Course Level, _____ Correct Course Career

_____ Correct hours (CRED MIN)

_____ Correct Department

_____ Correct CIP Code

_____ Correct Approval Date

_____ NO _____ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

_____ NO _____ YES Cross-listed?

_____ NO _____ YES Co-requisite?

_____ Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit _____ times for a maximum of _____ hours.

Fees attached to class? Amount _____ Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): Math 4163 Correct End date: 062

Fee attached? NA Course being replaced? Y CURR CRS ID completed? Y Checked future terms? _____ ✓

Screen 125: Add date _____ Delete Date 7-7-06 By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: Course deletion: _____
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 11-10-05 Graduate Council: Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) Math 4123

- Correct Effective Term
- Correct Course Title
- Correct Course Level, Correct Course Career
- Correct hours (CRED MIN)
- Correct Department
- Correct CIP Code
- Correct Approval Date
- NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
- NO ___ YES Cross-listed?
- NO ___ YES Co-requisite?
- Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____
Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-7-06 Delete Date _____ By LD

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

11/10/2005

CURRICULUM COMM
—PASSED 10/28/05

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee or Graduate Council (as appropriate)

From: Initiating Department **Mathematics**

Date submitted: September 23, 2005

Request for: Course change _____ Course deletion x Course
addition x _____ and program chg.
Submitted by: Don Carnahan

Approved by: Department Head: _____
Dean of School _____

Don Carnahan
John White
Sammy Kucis

Reviewed by: Registrar: _____
Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

The department of Mathematics proposes dropping both **Mathematical Modeling I & II (MATH 3163 and MATH 4163)** and adding one course, **Mathematical Modeling (MATH 4123)**. This is partly a housecleaning move in that Math 4163 has never been taught and is not likely to be needed in the near future. The new course will be very similar to Math modeling I, but will have slightly higher prerequisite requirements and deal with slightly more sophisticated models.

The change is to make Differential Equations a pre-requisite for this course. Some of the material assumes a familiarity with common differential equations.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number: **MATH 4123**

Title for Catalog **Mathematical Modeling**

*Title for Course Inventory (24 characters):

Description: Prerequisites: **MATH 2073** and **MATH 3243**. this course provides an introduction to the mathematical modeling process and applies this process to problems that may be modeled with pre senior level mathematics. Emphasis will be placed on connections of mathematics to application areas such as business, industry, economics, physical sciences, biological sciences, medicine and social sciences.

Effective date or term: **Fall, 2006**

*Course fees: **none**

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it? **It would replace Math Modeling I as a requirement for Mathematics and Mathematics Education majors. Some engineering students take the course, especially if they pursue a minor in mathematics.**
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department? **This course is considered essential for a modern mathematics program. It uses the content of several other courses but does not overlap.**
- C. Is this course part of any general plan of development within your department? Explain. **It is an integral part of our curriculum.**
- D. How often will the course be offered? **The course will be offered once a year, in the spring.**
- E. How will the course be staffed? **There is no change in staffing.**
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. John Krohn/ EE ME	yes	9/26/05
2. Ron Nelson/ ME EE	yes	9/26/05

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

There should be no change in assessment.

*Updated 8/1/04

**Updated 9/1/05

Arkansas Tech University
Department of Mathematics
Course syllabus

Course : Math 4123, Mathematical Modeling

Instructor:

Office hours:

Phone:

E-mail:

Catalog Description: This course provides an introduction to the mathematical modeling process and applies this process to problems that may be modeled with pre senior level mathematics. Emphasis will be placed on connections of mathematics to application areas such as business, industry, economics, physical sciences, biological sciences, medicine, and social sciences.

Prerequisite: MATH 2703 and MATH 3243; keyboard skills for elementary use of computers.

Textbook: Lecture Notes will be given in class.

Purpose: To introduce students to simple mathematical models and to the insight which may be gained through the visualization of data. To provide experience in the use of computer packages, in working together, in presentation, and in report writing.

Assessment Methods:

Learning Objectives: On successful completion of the course, students will learn:

1. the art of mathematical modeling
2. how to write reports and give oral presentations
3. to appreciate how teams can be managed and be aware of roles and group dynamics in team working
4. to use computer packages when necessary
5. to become familiar with classical models and methods

Material Covered:

1. Models in Industrial Engineering and Management: Linear Programming and the Simplex Method
2. Models based on first and second order differential equations: Compound interest, Radioactive decay, populations dynamics, mixing problems, heating and cooling problems, electrical networks.
3. Systems of differential equations: The Lotka-Volterra models.
4. Probability Theory: The Monte Carlo Models.

CURRICULUM CHECKLIST FOR EDITING CURRICULAR CHANGE PROPOSALS

1. The course number should be checked against the current catalog to see if the course number is currently being used.
2. The course number should be checked against recent catalogs. In general, re-using the course numbers should be avoided for three to five years.
3. The course number selected should be appropriate for the course. The level of the course and the sequencing of the course should be considered.
4. Pre/co-requisites in the course description should be verified as correct by checking the current catalog.
5. The curricular change should be applied to appropriate current programs of study (usually in the current catalog) to ensure proper sequencing of pre/co-requisites.
6. General Education requirements should be checked carefully to ensure compliance.
7. The number of upper division hours should be checked to ensure that 40 or more are required.
8. The number of credit hours required for the degree must be at least 124. Hours required beyond 124 for a new program require a justification.
9. If the number of credit hours in a program of study is being increased, a justification should be included in the proposal.
10. *If unable to identify coordinating departments that proposed change affects, Academic Affairs can offer assistance in identifying courses.
11. The proposal should be made available to departmental faculty and other interested parties via electronic distribution at least five business days prior to submission for approval.

All of the above items have been checked.

Don Carnahan
Department Head

9/27/05
Date

Outline in specific detail how your proposal will alter the program (include course number and title:

Mathematics

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: <i>Math 4123</i> Delete: <i>math 3163</i> Total Hours: <i>no change</i>
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: <i>Math 4123</i> Delete: <i>math 3163</i> Total Hours: <i>no change</i>	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours <i>124</i>	

Outline in specific detail how your proposal will alter the program (include course number and title): *Mathematics Education*

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: <i>math 4123</i> Delete: <i>math 3163</i> Total Hours: <i>no change</i>
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: Delete: Total Hours:	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: <i>math 4123</i> Delete: <i>Math 3163</i> Total Hours: <i>no change</i>	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours <i>124</i>	

PROPOSAL FOR COURSE CHANGE
Arkansas Tech University

Request for: Course addition: _____ Course deletion: ✓
Change course number: _____ Change course title: _____

Faculty Senate: Approved date: 12-8-05 **Graduate Council:** Approved date: _____
Disapproved date: _____ Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) _____
_____ Correct Effective Term
_____ Correct Course Title
_____ Correct Course Level, _____ Correct Course Career
_____ Correct hours (CRED MIN)
_____ Correct Department
_____ Correct CIP Code
_____ Correct Approval Date
____ NO ____ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)
____ NO ____ YES Cross-listed?
____ NO ____ YES Co-requisite?
_____ Normal grading? _____ P/F? _____ Other? _____
This course may be repeated for degree credit _____ times for a maximum of _____ hours.
Fees attached to class? Amount _____ Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): RP/HA 1001 Correct End date: ✓
Fee attached? NA Course being replaced? CURR CRS ID completed? _____ Checked future terms? ✓
Screen 125: Add date _____ Delete Date 7-11-06 By LR
Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____
Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 11/18/05

FACULTY SENATE-PASSED
12/8/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Parks, Recreation & Hospitality Administration

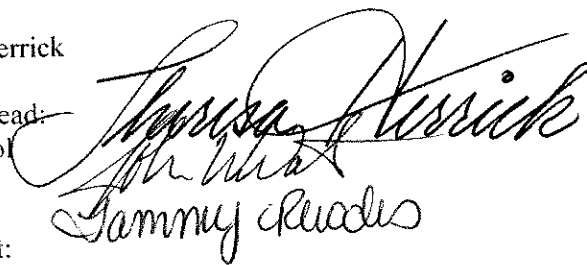
Date submitted: September 9, 2005

Request for: Course change _____ Course deletion X Course addition _____
(Excluding course credit hour changes)

Submitted by: Dr. Theresa Herrick

Approved by: Department Head:
Dean of School

Reviewed by: Registrar:
Vice President:



If this is a deletion or other minor change, describe and give rationale.

Delete: **RP/HA 1001. Orientation to Parks, Recreation and Hospitality Administration**

RP/HA 1001 has not been taught for several years. Separate introductory courses already exist for RP and HA and the PRHA faculty feel this course is no longer needed at this time.

Add: 1 hour of elective to each of the following curricula:

Park Administration
Recreation Administration
Interpretation

Therapeutic Recreation
Turf Management

Hospitality Administration

Outline in specific detail how your proposal will alter the program (include course number and title): Park Administration Emphasis

Fall Start	
Freshman Fall Semester Add/Change: Delete: RP 1001 Total Hours: 15 13	Freshman Spring Semester Add/Change: Delete: Total Hours: 16
Sophomore Fall Semester Add/Change: Delete: Total Hours: 16	Sophomore Spring Semester Add/Change: APPROVED ELECTIVES 1 HR Delete: Total Hours: 16
Junior Fall Semester Add/Change: Delete: Total Hours: 16	Junior Spring Semester Add/Change: Delete: Total Hours: 15
Senior Fall Semester Add/Change: Delete: Total Hours: 16	Senior Spring Semester Add/Change: Delete: Total Hours: 16
Spring Start (If applicable)	
 Freshman Spring Semester Add/Change: Delete: Total Hours: 13 	 Freshman Fall Semester Add/Change: Delete: RP 1001 Total Hours: 16
 Sophomore Spring Semester Add/Change: Delete: Total Hours: 14 	 Sophomore Fall Semester Add/Change: Delete: Total Hours: 17
 Junior Spring Semester Add/Change: APPROVED ELECTIVE 1 HR Delete: Total Hours: 16 	 Junior Fall Semester Add/Change: Delete: Total Hours: 16
 Senior Spring Semester Add/Change: Delete: Total Hours: 19 	 Senior Fall Semester Add/Change: Delete: Total Hours: 13
Total Program Hours 124	

Outline in specific detail how your proposal will alter the program (include course number and title): Recreation Administration Emphasis

Fall Start	
Freshman Fall Semester Add/Change: Delete: RP 1001 Total Hours: 15 12	Freshman Spring Semester Add/Change: Delete: Total Hours: 16
Sophomore Fall Semester Add/Change: APPROVED ELECTIVES 1 HR Delete: Total Hours: 16	Sophomore Spring Semester Add/Change: Delete: Total Hours: 18
Junior Fall Semester Add/Change: Delete: Total Hours: 16	Junior Spring Semester Add/Change: Delete: Total Hours: 15
Senior Fall Semester Add/Change: Delete: Total Hours: 16	Senior Spring Semester Add/Change: Delete: Total Hours: 15
Spring Start (If applicable)	
 Freshman Spring Semester Add/Change: Delete: Total Hours: 13 	 Freshman Fall Semester Add/Change: Delete: RP 1001 Total Hours: 15
 Sophomore Spring Semester Add/Change: Delete: Total Hours: 18 	 Sophomore Fall Semester Add/Change: Delete: Total Hours: 16
 Junior Spring Semester Add/Change: Delete: Total Hours: 15 	 Junior Fall Semester Add/Change: APPROVED ELECTIVES 1 HR Delete: Total Hours: 16
 Senior Spring Semester Add/Change: Delete: Total Hours: 15 	 Senior Fall Semester Add/Change: Delete: Total Hours: 16
Total Program Hours 124	

Outline in specific detail how your proposal will alter the program (include course number and title): Park Administration Emphasis
Interpretation

Fall Start	
Freshman Fall Semester Add/Change: Delete: RP 1001 Total Hours: 16 13	Freshman Spring Semester Add/Change: Delete: Total Hours: 16
Sophomore Fall Semester Add/Change: APPROVED ELECTIVE 1 HR Delete: Total Hours: 15	Sophomore Spring Semester Add/Change: Delete: Total Hours: 16
Junior Fall Semester Add/Change: Delete: Total Hours: 16	Junior Spring Semester Add/Change: Delete: Total Hours: 16
Senior Fall Semester Add/Change: Delete: Total Hours: 16	Senior Spring Semester Add/Change: Delete: Total Hours: 17
Spring Start (If applicable)	
 Freshman Spring Semester Add/Change: Delete: Total Hours: 13 	 Freshman Fall Semester Add/Change: Delete: RP 1001 Total Hours: 16
 Sophomore Spring Semester Add/Change: APPROVED ELECTIVE 1 HR Delete: Total Hours: 15 	 Sophomore Fall Semester Add/Change: Delete: Total Hours: 16
 Junior Spring Semester Add/Change: Delete: Total Hours: 16 	 Junior Fall Semester Add/Change: Delete: Total Hours: 16
 Senior Spring Semester Add/Change: Delete: Total Hours: 17 	 Senior Fall Semester Add/Change: Delete: Total Hours: 16
Total Program Hours 124	

125

Outline in specific detail how your proposal will alter the program (include course number and title): Hospitality Administration

Fall Start	
Freshman Fall Semester Add/Change: Delete: HA 1001 Total Hours: 17 14	Freshman Spring Semester Add/Change: Delete: Total Hours: 16
Sophomore Fall Semester Add/Change: ELECTIVE 1 HR Delete: Total Hours: 18	Sophomore Spring Semester Add/Change: Delete: Total Hours: 15
Junior Fall Semester Add/Change: Delete: Total Hours: 15	Junior Spring Semester Add/Change: Delete: Total Hours: 15
Senior Fall Semester Add/Change: Delete: Total Hours: 15	Senior Spring Semester Add/Change: Delete: Total Hours: 16
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours: 14	Freshman Fall Semester Add/Change: Delete: HA 1001 Total Hours: 16
Sophomore Spring Semester Add/Change: Delete: Total Hours: 15	Sophomore Fall Semester Add/Change: ELECTIVES 1 HR Delete: Total Hours: 18
Junior Spring Semester Add/Change: Delete: Total Hours: 15	Junior Fall Semester Add/Change: Delete: Total Hours: 15
Senior Spring Semester Add/Change: Delete: Total Hours: 16	Senior Fall Semester Add/Change: Delete: Total Hours: 15
Total Program Hours 124	

Outline in specific detail how your proposal will alter the program (include course number and title): Recreation & Park Administration; Therapeutic Recreation Emphasis

Fall Start	
Freshman Fall Semester Add/Change: Delete: RP 1001 Total Hours: 16 12	Freshman Spring Semester Add/Change: Delete: Total Hours: 16
Sophomore Fall Semester Add/Change: Delete: Total Hours: 16	Sophomore Spring Semester Add/Change: Delete: Total Hours: 16
Junior Fall Semester Add/Change: Delete: Total Hours: 17	Junior Spring Semester Add/Change: APPROVED ELECTIVES 1 HR Delete: Total Hours: 17
Senior Fall Semester Add/Change: Delete: Total Hours: 15	Senior Spring Semester Add/Change: Delete: Total Hours: 15
Spring Start (If applicable)	
 Freshman Spring Semester Add/Change: Delete: Total Hours: 13 	 Freshman Fall Semester Add/Change: Delete: RP 1001 Total Hours: 15
 Sophomore Spring Semester Add/Change: Delete: Total Hours: 15 	 Sophomore Fall Semester Add/Change: Delete: Total Hours: 17
 Junior Spring Semester Add/Change: APPROVED ELECTIVE 1 HR Delete: Total Hours: 17 	 Junior Fall Semester Add/Change: Delete: Total Hours: 17
 Senior Spring Semester Add/Change: Delete: Total Hours: 15 	 Senior Fall Semester Add/Change: Delete: Total Hours: 15
Total Program Hours 124	

Outline in specific detail how your proposal will alter the program (include course number and title): Turf Management Emphasis

Fall Start	
Freshman Fall Semester Add/Change: Delete: RP 1001 ✓ Total Hours: 15 12	Freshman Spring Semester Add/Change: AGPS 1024 Delete: AGPS 1023 ✓ Total Hours: 17
Sophomore Fall Semester Add/Change: Delete: LBMD 2001 ✓ Total Hours: 15	Sophomore Spring Semester Add/Change: AGSS 2014 Delete: CHEM 2143 ✓ AGSS 2013 ✓ Total Hours: 15 16
Junior Fall Semester Add/Change: Delete: Total Hours: 16	Junior Spring Semester Add/Change: AGPS 3053 AGPS 3244 Delete: ✓ Approved Electives 1 RP 3053 ✓ AGSS 2014 Total Hours: 16
Senior Fall Semester Add/Change: Delete: Total Hours: 16	Senior Spring Semester Add/Change: AGPS 4103 AGE 3003 AGSS 3033 1 hr approved elective Delete: RP 4093 ✓ HA 4023 ✓ Total Hours: 18 16
Spring Start (If applicable)	
 Freshman Spring Semester Add/Change: Delete: Total Hours: 12 	 Freshman Fall Semester Add/Change: AGPS 1024 Delete: RP 1001 ✓ AGSS 2013 ✓ AGPS 1023 ✓ Total Hours: 14 17
 Sophomore Spring Semester Add/Change: AGSS 2014 Delete: CHEM 2143 ✓ Total Hours: 15 16 	 Sophomore Fall Semester Add/Change: Delete: LBMD 2001 ✓ Total Hours: 15
 Junior Spring Semester Add/Change: AGPS 3053, AGPS 3244 Delete: RP 3053 ✓, Approved Electives 1 ✓, AGSS 2013 ✓ Total Hours: 16 	 Junior Fall Semester Add/Change: Delete: Total Hours: 16
 Senior Spring Semester Add/Change: AGPS 4103, AGE 3003, AGSS 3033 1 hr approved elective Delete: HA 4023, RP 4093 ✓ Total Hours: 18 16 	 Senior Fall Semester Add/Change: Delete: Total Hours: 16
Total Program Hours 124	

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition:

Course deletion:

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: Dec. 8, 2005

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) RD 3503

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code 310301

Correct Approval Date

NO ___ YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO ___ YES Cross-listed?

NO ___ YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NO times for a maximum of _____ hours.

Fees attached to class? Amount NO Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7/24/06 Delete Date _____ By [Signature]

Fee? NO Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 11/18/05

FACULTY SENATE-PASSED

12/8/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Parks, Recreation & Hospitality Administration

Date submitted: September 9, 2005

Request for: Course change _____ Course deletion _____ Course addition X
(Excluding course credit hour changes)

Submitted by: Dr. Theresa Herrick

Approved by: Department Head:
Dean of School

Reviewed by: Registrar:
Vice President:

If this is a deletion or other minor change, describe and give rationale.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

- I. Catalog description: An overview of recreational sport management in various settings including program components and techniques. Topics include informal, intramural, club, extramural, and instructional sports programming; values of recreational sports; administration and operation of recreational sports; terminology and career opportunities in various sports settings. This is a lecture course with required class participation.

Number: RP 3503

Title for Catalog: Recreational Sport Management

*Title for Course Inventory (24 characters): Recreational Sport Mgmt

Description:

Effective date or term: Spring 2006
Summer I

*Course fees: None

- II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

At the present time there are no courses in recreational sport management on the campus. The Recreation and Park curricula needed a programming and management course for recreational sports because of the emphasis on sports in municipal recreation programs, campus recreation programs and sports associations. This course replaces some of the course material from Organization and Administration in Intramurals which was a required course for the Recreation Administration curriculum until it was deleted several years ago. The course will provide hands-on experience for the students in recreational sport management by having them work with campus recreation and intramurals. This course could be an upper division elective for students with an interest in recreational sports.

- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

Recreational Sport Management is the second course in recreational programming in the Recreation and Parks curricula. RP 2003 Recreation Programming provides theory, foundation, and leadership techniques for a variety of programs in a variety of recreation settings with little or no emphasis on sports. Recreational Sport Management covers the important area of programming for recreational sports, a large portion of recreation and parks programs.

- C. Is this course part of any general plan of development within your department? Explain.

This course was designed to fill a gap in the Recreation and Parks curricula in sports management and programming. During the accreditation review in 2001, the review team indicated that more courses were needed in programming to cover the content material. The single course in the curricula at the time, RP 2003 Recreation Programming, could not adequately cover sports and the special programming issues that went with it.

- D. How often will the course be offered? Once a year in spring.
- E. How will the course be staffed? Adjunct Faculty
- F. How will this course change affect other departments' students and offerings? With what other departments have you specifically consulted?

Only course on campus covering recreational sports management.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

RP 3503 Recreational Sport Management. The contents of this course will satisfy some of the NRPA/AALR standards for accreditation listed in the RP Assessment Plan.

**ARKANSAS TECH UNIVERSITY
PARKS, RECREATION & HOSPITALITY ADMINISTRATION
COURSE SYLLABUS - FALL 2005**

RP 3503. Recreational Sport Management. An overview of recreational sport management in various settings including program components and techniques. Topics include informal, intramural, club, extramural, and instructional sports programming; values of recreational sports; administration and operation of recreational sports; terminology and career opportunities in various sports settings. This is a lecture course with required class participation.

Instructor: Kelley Roach, Massey Hall, 356-2010

Text: Mull, Richard F., Kathryn G. Bayless and Lynn M. Jamieson. (2005). *Recreational sport management*. (4th ed.). Champaign IL: Human Kinetics.

Learning Objectives:

1. To identify the nature, scope and importance of recreational sports in the total recreational program.
2. To gain an understanding of the competencies required to program recreational sports in a variety of settings.
3. To understand basic recreational sports terminology, the theories of competitive and cooperative play and to recognize the philosophical basis and values of recreational sports to the individual.
4. To recognize participant development attributes and to understand the socialization process in sports.
5. To develop skills of planning, organizing and scheduling recreational sports in collegiate, public and private settings.

Exams: Three examinations worth 100 points each will be given, including the final. Students should notify the instructor prior to the exam if they will be absent for an exam in order for a make-up exam to be taken.

Assignments:

1. Officiating 5 intramural events (500 points).
2. Critique of fitness center (250 points)
3. Planning, marketing, and managing one sporting event (1,000 points)

Grading: A = 90 - 100% of total points
B = 80 - 89% of total points
C = 70 - 79% of total points
D = 60 - 69% of total points

Attendance: Students are required to attend all classes. Students should notify the instructor, in advance, if they are unable to attend.

Cheating: Students caught cheating on a test or plagiarizing a paper will be given an "F" for the test or paper. Students may be asked to provide proof of original work if there is a question of cheating or plagiarism. (Plagiarism is defined as someone who steals the published thoughts or words of someone else and claims them as their own). Student papers and reports may be submitted to turnitin.com to check papers and reports for plagiarism.

Electronic

Devices: All electronic devices including cell phones and pagers must be turned off during class.

Special

Services: Students with special needs must register with the Director of Disability Services 968-0302 for assistance.

Course Outline

Week	Topic	Reading	TEST
1	Introduction and Course Overview	Chapter 1	
2	Participant Development	Chapters 2, 4	
3	Marketing	Chapter 17	
4	Legal Concerns	Chapter 18	Test #1
5	Informal Sports	Chapter 7	
6	Intramural and Extramural Sport Program Delivery	Chapter 8	
7	Club Sports	Chapter 9	
8	Fitness	Chapter 10	Test #2
9	Management Model	Chapter 3	
10	Administrative Operations	Chapter 11	
11	Personnel	Chapters 6, 12	
12	Finance	Chapter 13	
13	Facilities, Equipment, Maintenance	Chapters 14, 15, 16	
14			Test #3
15	Career Opportunities	Chapter 5	

PROPOSAL FOR COURSE CHANGE

Arkansas Tech University

Request for: Course addition: _____

Course deletion: _____

Change course number: _____

Change course title: _____

Faculty Senate: Approved date: 12-8-05

Graduate Council: Approved date: _____

Disapproved date: _____

Disapproved date: _____

SECTION I: Course Addition

Course ID: (Prefix/number) RP 3993

Correct Effective Term

Correct Course Title

Correct Course Level, Correct Course Career

Correct hours (CRED MIN)

Correct Department

Correct CIP Code

Correct Approval Date

NO YES Replacing Another Course? (PREV CRS/END DATES) completed? _____
(Not necessary if same course number, name change only)

NO YES Cross-listed?

NO YES Co-requisite?

Normal grading? _____ P/F? _____ Other? _____

This course may be repeated for degree credit NA times for a maximum of _____ hours.

Fees attached to class? Amount NA Type of fee _____

SECTION II: Course Deletion

Course ID (Prefix/Number): _____ Correct End date: _____

Fee attached? _____ Course being replaced? _____ CURR CRS ID completed? _____ Checked future terms? _____

Screen 125: Add date 7-11-06 Delete Date _____ By LA

Fee? _____ Add to list? _____ Sent to Student Accounts (date) _____ By _____

Fee approved by Fac/Senate or Graduate Council. Board of Trustees' approval required before added to rate table.

CURRICULUM COMM
-PASSED 11/18/05

FACULTY SENATE-PASSED
12/8/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

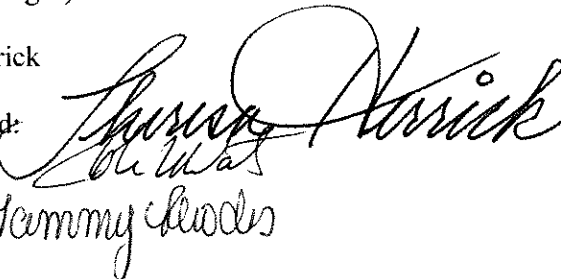
To: Curriculum Committee
From: Parks, Recreation & Hospitality Administration
Date submitted: September 9, 2005

Request for: Course change Course deletion Course addition
(Excluding course credit hour changes)

Submitted by: Dr. Theresa Herrick

Approved by: Department Head:
Dean of School

Reviewed by: Registrar:
Vice President:



If this is a deletion or other minor change, describe and give rationale.

This is a new description and title for RP 3993.

Delete: **Advanced Firefighting-Wildland/Urban Interface**

Prerequisites: RP 1993 or permission by experience. Advanced study of organization, deployment, and techniques of fire suppression applicable to wildfires affecting residences, outbuildings, and other human-structure barriers in remote areas and outlying suburban locales. Particular emphasis on wildland structure and urban interface fire suppression problems.

New Catalog Description:

Wildland Fire Practices in Natural Resource Management. Prerequisites: RP 1993 or permission. Advanced study of the organization, deployment, and techniques of fire suppression applicable to wildfires affecting residences, outbuildings, and other human-structure barriers in remote areas and outlying suburban locales. Particular emphasis on wildland structure and urban interface fire suppression problems. This is a science-based course. Emphasis is placed on: (1) uncontrolled wildland fire and the many positive and negative impacts with which fire personnel must deal; (2) planning and implementing controlled burn projects to attain desired future conditions and reduce fire hazards, and (3) the dilemma of ever-expanding wildland/urban interface issues. The overall purpose of this course is to provide the student with integral fire knowledge and skills necessary to become an effective member of a fire/natural resource management team. Weekend field exercises required.

Number: RP 3993

*Title for Course Inventory (24 characters): Wildland Fire Practices

Effective date or term: Spring 2006

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

This course prepares students in the natural resources for advanced certifications in wildland and forest firefighting. This course along with RP 1993 Basic Forest Firefighting prepares students for careers in natural resource management with various state and federal agencies. Majors from Recreation and Park Administration, Biology, Agriculture, Emergency Management and Fish and Wildland Management take this course which is also opened to rural firefighters.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

This course is valuable for students in the Park Administration and Interpretation emphases because of the knowledge and certifications it provides to students interested in careers with federal and state agencies involved with natural resource management.

There is no overlap with other courses, but RP 3993 is a follow up course to RP 1993 Basic Forest Firefighting.

C. Is this course part of any general plan of development within your department? Explain.

The forest firefighting courses were introduced to the Recreation and Park curricula in 1983 to better prepare students for careers in the federal and state agencies dealing with natural resource management. The course is part of a group of courses recognized by OPM for the Biological Sciences Job Series.

D. How often will the course be offered?

Once a year during spring semester.

E. How will the course be staffed?

Adjunct faculty, wildland fire certified.

F. How will this course change affect other departments' students and offerings? With what other departments have you specifically consulted?

No other department is teaching forest firefighting, but a number of students in other majors want wildland firefighting certification.

Agriculture, biology, emergency management and fish and wildlife management have reviewed this course change.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

This course is one of two forest firefighting courses that offer national certification upon successful completion of the course. This course is one of the certification courses listed in the RP Assessment Plan.

Theresa Herrick

From: Mary Ann Rollans [maryann.rollans@atu.edu]
Sent: Wednesday, September 14, 2005 1:55 PM
To: 'Theresa Herrick'
Subject: RE: Changes in RP 3993 Advanced Forest Firefighting

No problems have been noted by the EAM Dept.

Dr. Mary Ann Rollans, Dean
School of Community Education & Professional Development
Arkansas Tech University
402 West O Street
Dean Hall 110
Russellville, AR 72801
<<http://commed.atu.edu>>
479-968-0234 direct line
479-968-0318 main office
479-968-0205 fax
<maryann.rollans@mail.atu.edu>

From: Theresa Herrick [mailto:theresa.herrick@atu.edu]
Sent: Wednesday, September 07, 2005 3:06 PM
To: charlie.gagen@atu.edu; willy.hoefler@atu.edu; maryann.rollans@atu.edu; joe.stoeckel@atu.edu
Cc: glen.bishop@atu.edu
Subject: Changes in RP 3993 Advanced Forest Firefighting

Please note proposed changes in RP 3993 which has been titled Advanced Firefighting: Wildland/Urban Interface. This proposal **has not yet** been submitted to the Curriculum Committee. Please review and give me feedback as to how the proposed changes may affect your degree programs.

Theresa Herrick Ph.D
Dept of Parks, Recreation & Hospitality Administration
Arkansas Tech University
1205 N. El Paso
Russellville, AR 72801
479-968-0386
479-968-0600 Fax

Theresa Herrick

From: Joe Stoeckel [joe.stoeckel@atu.edu]
Sent: Friday, September 09, 2005 3:03 PM
To: 'Theresa Herrick'
Subject: RE: Changes in RP 3993 Advanced Forest Firefighting

Theresa:

The justification sheet is "Attachment A," but it doesn't show what the changes are. I looked up the course title and description in the catalogue to see what the changes were. I have no problems with the changes you suggest. You might consider showing the changes (via markouts for deletions, and italicizing or bold for additions) for the title and description in Attachment A so that the curriculum committee can readily see what the deletions/additions are. I am sure you have very good reasons for modifying the course, but I couldn't find these things in the justification for the course change. They could be worked in under "**Justification and feasibility of course.**" Just a suggestion. Again, I see no reason the changes shouldn't be made. Hope this helps and hope things are going well in your neck of the woods.

Joe

From: Theresa Herrick [mailto:theresa.herrick@atu.edu]
Sent: Thursday, September 08, 2005 3:25 PM
To: joe.stoeckel@atu.edu
Subject: RE: Changes in RP 3993 Advanced Forest Firefighting

Did you not get the justification sheet?

From: Joe Stoeckel [mailto:joe.stoeckel@atu.edu]
Sent: Thursday, September 08, 2005 12:46 PM
To: 'Theresa Herrick'
Subject: RE: Changes in RP 3993 Advanced Forest Firefighting

Theresa:

What the "proposed changes?" There is a description of the course, but changes were not highlighted/mentioned in "Attachment A."

Thanks,
Joe

From: Theresa Herrick [mailto:theresa.herrick@atu.edu]
Sent: Wednesday, September 07, 2005 3:06 PM
To: charlie.gagen@atu.edu; willy.hoefler@atu.edu; maryann.rollans@atu.edu; joe.stoeckel@atu.edu
Cc: glen.bishop@atu.edu
Subject: Changes in RP 3993 Advanced Forest Firefighting

Please note proposed changes in RP 3993 which has been titled Advanced Firefighting: Wildland/Urban Interface. This proposal **has not yet** been submitted to the Curriculum Committee. Please review and give me feedback as to how the proposed changes may affect your degree programs.

Theresa Herrick Ph.D

Dept of Parks, Recreation & Hospitality Administration
Arkansas Tech University
1205 N. El Paso
Russellville, AR 72801
479-968-0386
479-968-0600 Fax

ARKANSAS TECH UNIVERSITY
PARKS, RECREATION & HOSPITALITY ADMINISTRATION
COURSE SYLLABUS
Spring 2006

TITLE **RP 3993. WILDLAND FIRE PRACTICES IN NATURAL RESOURCE MANAGEMENT.** Prerequisites: RP 1993 or permission. Advanced study of organization, deployment, and techniques of fire suppression applicable to wildfires affecting residences, outbuildings, and other human-structure barriers in remote areas and outlying suburban locales. Particular emphasis on wildland structure and urban interface fire suppression problems. This is a science-based course. Emphasis is placed on: 1) uncontrolled wildland fire and the many positive and negative impacts with which fire personnel must deal, 2) planning and implementing controlled burn projects to attain desired future conditions and reduce fire hazards, and 3) the dilemma of ever-expanding wildland/urban interface issues. The overall purpose of this course is to provide the student with integral fire knowledge and skills necessary to become an effective member of a fire/natural resource management team. Weekend field exercises required.

INSTRUCTOR Carl Minehart

COURSE OBJECTIVES

1. Describe fire pre-history and history of wildland fire.
2. Explain why an understanding of fire ecology is an important part of fire management.
3. Assess important determinants of wildland fire occurrence and fire behavior.
4. Evaluate fire effects and interactions with forest dynamics.
5. Discuss the social and political forces affecting wildland and prescribe fire.
6. Analyze health and safety impacts from controlled and uncontrolled fire.
7. Explore the issue of fire in the wildland/urban interface and discuss how this threat can be mitigated.

GRADING Student mastery of the above subject matter will be demonstrated through a combination of graded quizzes, practicum's and a final exam:

Quiz 1 100 points

Quiz 2 100 points

3 Practicum's 25 points

Final Exam 125 points

A = 90-100% +, B = 80-89%, C = 70-79%, D = 60-69%, F = <60%

ATTENDANCE

Class attendance is important and will affect student grades. Starting the semester, each student receives 100 attendance points. Points will be lost as follows:

1. Late arrival or leaving before the class is adjourned will result in a loss of 10 points each occurrence.
2. Unexcused class absence will result in a loss of 25 points per absence.
3. More than 3 unexcused absences will result in student dismissal and a grade of F for the semester.

TEXTBOOKS

No textbook is required, but an optional text will prove helpful and can be downloaded or printed at <http://www.nwcg.gov/pms/RxFire/FEG.pdf>

WEB SITES AND REFERENCES

History of Fire Management

<http://www.nhc.rtp.nc.us:8080/tserve/nattrans/ntuseland/essays/fire.htm>

NFP National Fire Plan <http://www.fireplan.gov/>

HFRA Healthy Forest Restoration Act

HFI Healthy Forest Initiative

<http://www.whitehouse.gov/infocus/healthyforests/toc.html>

<http://www.healthyforests.gov/>

Arkansas projects <http://www.healthyforests.gov/projects/arkansas.html>

FRCC Fire Regime Condition Class <http://www.frcc.gov>

Other wildland fire websites:

<http://www.nwccg.gov/teams/wfewt/biblio/index.html>

http://www.nps.gov/fire/fire/fir_ecology.html

<http://www.blm.gov/education/LearningLandscapes/teachers/fieldtrip/concepts.html>

Four Threats <http://www.fs.fed.us/projects/four-threats/>

Chief Dale Bosworth identified four threats facing our nation's forests and grasslands. They are: (1) fire and fuels, (2) invasive species, (3) loss of open space, and (4) unmanaged recreation.

CHEATING

Students caught cheating will be given an "F" on the test, project or assignment they were caught cheating on. Students may be asked to provide proof of original work if there is a question of cheating or plagiarism. Plagiarism, by definition, is when someone steals the published thought or words of another and uses it as their own without giving credit to the author. Students caught plagiarizing someone else's work will be given an "F" on the test, project or assignment.

COURSE OUTLINE

WEEK 1, 1800-2100

Administrative

History of Fire Management

Terminology Suppression terms review, glossary, quiz next session on terms

WEEK 2

NFP National Fire Plan

HFI Healthy Forest Initiative

HFRA Healthy Forest Restoration Act

FRCC Fire Regime Condition Class

WEEK 3

Urban Influences on Forests

Challenges to Forest Resource Management and Conservation

WEEK 4

Quiz 1 material covered to date

Ecosystem Overview

Fire Physics-

WEEK 5

Ecosystem Components- Flora

WEEK 6

Ecosystem Components- Soils

WEEK 7

Watershed, Water and Aquatic Organisms

WEEK 8

Insects and Diseases

Terrestrial Animals

WEEK 9

Fire Effects Information System

Classroom Practicum

Quiz 2 Fire Effects

WEEK 10

Human Interface-Culture Resources

Effects on Health and Safety

WEEK 11

Relationships between Social-Political Concerns and the use of fire

Practicum 1 RCW

WEEK 12

Ecosystems Dynamics

Practicum 2 Bald Eagle

WEEK 13

Ecological Restoration

Practicum 3 Upland Oak Ecosystem

WEEK 14

Non native invasive plants

WEEK 15

Smoke Management

Comprehensive Final Exam

CURRICULUM COMMITTEE
-PASSED 11/16/05

FACULTY SENATE—PASSED

12/8/2005

ATTACHMENT B

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Parks, Recreation & Hospitality Administration

Date Submitted: September 23, 2005

Type of Curriculum Change Requested: Option modification – Recreation and Park Administration - Turf Mgmt Emphasis

Delete: RP 1001 Orientation to Parks, Recreation, and Hospitality Administration

AGSS 2013 Soils

AGPS 1023 General Horticulture

LBMD 2001 Introduction to Library Resources

CHEM 2143 Environmental Chemistry

RP 3053 Natural Resources Management and Planning

HA 4023 Hospitality Facilities Management

RP 4093 Resort Management

1Hours Approved Electives

Add: AGEG 3003 Solving Agricultural Problems

AGPS 3053 Weeds and Weed Control

AGPS 3244 Plant Pathology

AGSS 3033 Soil Fertility

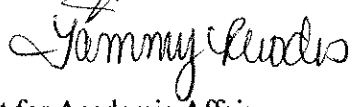
AGPS 1024 General Horticulture

AGSS 2014 Soils

Submitted By: Dr. Glen Bishop

Approved By: Department Head: 

Dean of School: 

Reviewed By: Registrar: 

Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.
See attached sheet

II. Course Information

A. Rationale for the requested change. Students and turf management professionals have recommended course requirements be adjusted to more closely reflect and provide a knowledge base for the decisions and management situations turf management option students will face in professional employment. The faculty believe the added courses will provide this added base of knowledge. While the deleted courses were useful, it is the belief of the faculty that the added courses will provide a more concentrated

and focused amount of useful information to our students. The proposal is to delete 16 credit hours of courses and electives and to replace those hours with 16 credit hours of required courses.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change. Slight reduction in enrollment for RP 3053, HA 4023, and RP 4093.
2. Outside the department. Slight increase in enrollment in added courses. Slight decrease in enrollment for deleted courses

C. Effective date or term. Fall 2006.

D. When applicable, state with which departments you have specifically coordinated this change? Agriculture, Chemistry, Library.

Assessment: Recreation and Park Administration assessment is based on the requirements of its accreditation organization. The proposed changes do not affect the assessment plan which is based on course work required of all Recreation and Park Administration students, not just those pursuing the turf management emphasis.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

List Department Head/ Program Director Consulted: (Add to list as needed)	Indicate Support for Proposal (yes/no)	Date:
1. Dr. William Parton	Yes	
2. Dr. Jeff Robertson	Yes	
3. Dr. Willy Hoefler	Yes	Sept 30, 2005
4.		
5.		

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

*Updated 8/1/04

**Updated 9/1/05

Outline in specific detail how your proposal will alter the program (include course number and title): Turf Management Emphasis

Fall Start	
Freshman Fall Semester Add/Change: Delete: RP 1001 ✓ Total Hours: 15 12	Freshman Spring Semester Add/Change: AGPS 1024 Delete: AGPS 1023 ✓ Total Hours: 17
Sophomore Fall Semester Add/Change: Delete: LBMD 2001 ✓ Total Hours: 15	Sophomore Spring Semester Add/Change: AGSS 2014 Delete: CHEM 2143 ✓ AGSS 2013 ✓ Total Hours: 15 16
Junior Fall Semester Add/Change: Delete: Total Hours: 16	Junior Spring Semester Add/Change: AGPS 3053 AGPS 3244 Delete: Approved Electives 2 ✓ RP 3053 ✓ AGSS 2014 Total Hours: 16
Senior Fall Semester Add/Change: Delete: Total Hours: 16	Senior Spring Semester Add/Change: AGPS 4103 AGEG 3003 AGSS 3033 <i>1 hr approved elective</i> Delete: RP 4093 ✓ HA 4023 ✓ Total Hours: 18 16
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours: 12 12	Freshman Fall Semester Add/Change: AGPS 1024 Delete: RP 1001 ✓ AGSS 2013 AGPS 1023 ✓ Total Hours: 14 17
Sophomore Spring Semester Add/Change: AGSS 2014 Delete: CHEM 2143 ✓ Total Hours: 15 16	Sophomore Fall Semester Add/Change: Delete: LBMD 2001 ✓ Total Hours: 15
Junior Spring Semester Add/Change: AGPS 3053, AGPS 3244 Delete: RP 3053 ✓, Approved Electives 2 ✓, AGSS 2013 ✓ Total Hours: 16	Junior Fall Semester Add/Change: Delete: Total Hours: 16
Senior Spring Semester Add/Change: AGPS 4103 , AGEG 3003, AGSS 3033 <i>1 hr approved elective</i> Delete: HA 4023 ✓, RP 4093 ✓ Total Hours: 18 16	Senior Fall Semester Add/Change: Delete: Total Hours: 16
Total Program Hours 124	

12/8/2005

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Parks, Recreation & Hospitality Administration

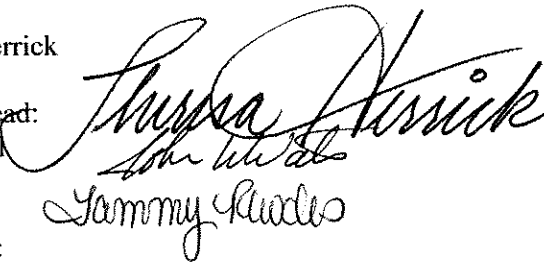
Date submitted: September 15, 2005

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Dr. Theresa Herrick

Approved by: Department Head:
Dean of School

Reviewed by: Registrar:
Vice President:



If this is a deletion or other minor change, describe and give rationale.

Delete: "By permission." In the catalog description.

Delete: "Preparation of an interpretive program with various audio-visual equipment."
From course description

Add: "Student will plan, design and implement interpretive programs using various media."

- I. Catalog description: **RP 3093. Interpretive Methods**
An analysis of various interpretive techniques, interpretive planning, and utilization of interpretation to obtain management goals. Students will plan, design and implement interpretive programs using various media.

Number: RP 3093

Title for Catalog: Interpretive Methods

*Title for Course Inventory (24 characters): Interpretive Methods
Description:

Effective date or term: ~~Spring~~ 2006
Summer I

*Course fees: None

12/8/2005

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of Parks, Recreation & Hospitality Administration

Date Submitted: September 9, 2005

Request for:

Course Change X Course Deletion

Course Addition

Submitted by: Dr. Theresa Herrick

Approved by:



Dr. Theresa Herrick, Department Head



Dr. John Watson, Dean of Systems Science

Reviewed by:



Ms. Tammy Rhodes, Registrar

Dr. Jack Hamm, Vice President-Academic Affairs

If this is a deletion or other minor change, describe and give rationale.

Change of course description for RP/HA 4001-

- Delete "two semesters prior to internship." Course may be taken one semester prior to internship
- Add "This course is graded Pass/Fail." Information only.

RP/HA 4001. Internship Preparation. Prerequisites: PRHA major, senior standing and completion of HA/RP 3043 (if required for major) or permission of department chair. Preparation for the internship experience. This course is graded Pass/Fail.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of Parks, Recreation & Hospitality Administration

Date Submitted: September 9, 2005

Request for:

Course Change X Course Deletion

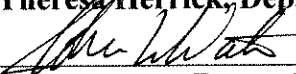
Course Addition

Submitted by: Ray Moll

Approved by:



Dr. Theresa Herrick, Department Head



Dr. John Watson, Dean of Systems Science

Reviewed by:



Ms. Tammy Rhodes, Registrar

Dr. Jack Hamm, Vice President-Academic Affairs

If this is a deletion or other minor change, describe and give rationale.

Change of course description for HA 4063;

- Change "Lecture three hours, lab two hours" to "Lecture two hours, lab two hours."
Change in structure of the course.
- Corrected course description for the catalog:

HA 4063 Beverage Management.

Prerequisites: 21 years of age, HA major or permission of the instructor. Selection, storage, and service of beverages with emphasis on controls, merchandising, pricing, history, social and legal concerns. Successful completion of standardized exam results in certification in C.A.R.E. (Controlling Alcohol Risks Effectively) from the Educational Institute of the American Hotel and Lodging Association. Lecture two hours, lab two hours. \$50 lab fee required.

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of Parks, Recreation & Hospitality Administration

Date Submitted: September 9, 2005

Request for:

Course Change X Course Deletion _____


Course Addition _____

Submitted by: Ray Mohr

Approved by:



Dr. Theresa Herrick, Department Head



Dr. John Watson, Dean of Systems Science

Reviewed by:



Ms. Tammy Rhodes, Registrar

Dr. Jack Hamm, Vice President-Academic Affairs

If this is a deletion or other minor change, describe and give rationale.

Change of course description for HA 4073 Hospitality Financial Analysis.

- Delete "Upon passing exam, results in certification from the Educational Institute of the American Hotel and Motel Association." Certification exam is no longer an option because of a change in textbook for the course.
- Corrected course description:

HA 4073. Hospitality Financial Analysis.

Prerequisites: ACCT 2003 and 2013, HA major. Accounting principles and procedures for the Hospitality Industry as an aid in management planning, decision making and control, financial statements, statement analysis, flow of funds, cash analysis, accounting concepts, cost accounting budgets, capital expenditures, and pricing decisions.

CURRICULUM COMM
 - PASSED 11/18/05

FACULTY SENATE—PASSED
 12/8/2005

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of Parks, Recreation & Hospitality Administration

Date Submitted: September 9, 2005

Request for:

Course Change X Course Deletion

Course Addition

Submitted by: Dr Glen Bishop

Approved by:


 Dr. Theresa Herrick, Department Chair


 Dr. John Watson, Dean of Systems Science

Reviewed by:


 Ms. Tammy Rhodes, Registrar


 Dr. Jack Hamm, Vice President-Academic Affairs

If this is a deletion or other minor change, describe and give rationale.

Change of course description for RP(HA) 4116.

Rationale: This proposal is to require Hospitality Administration and Recreation and Park Administration majors to have completed all of their other course work before enrolling in RP(HA) 4116 Internship. The reason for this is that during the past few years we have had several students who were offered positions following the completion of their internships. As a result, students have been put in the position of having to decide between an offer of employment and the completion of their degree. Some employers have withdrawn the offer of employment upon learning that the student had a few more courses left to complete in their degree program. Students who have accepted offers with the intent of completing their degree have found that completing the degree is much more difficult once they have left campus for a professional position. In addition, several students have recently proposed that they be allowed to enroll in internship while also enrolling for what is considered a full-time schedule of classes. We believe that being enrolled in classes would distract from the internship and the internship would distract from learning in other classes when taken simultaneously. Therefore, we would like to formalize a requirement as noted above by placing it in the course catalog.

In addition the time requirement should be changed to "A minimum of 600 clock hours during a minimum of 15 weeks of supervised internship is required." This change is needed because we have had several students want to count 60 or more hours per week towards their internship requirements. We feel that, although in some situations, such as youth camps, students may actually work those hours, many of those hours would be filled by little more than what would amount to group baby sitting activities. We would prefer that students have the potential to engage in higher order activities during hours counted towards fulfilling internship requirements. We feel this is more likely to happen if the required 600 hours are required to be distributed over 15 weeks.

Several minor changes in the description also are proposed: Changing student-trainee status to student intern, changing faculty to University faculty.

- Add "fall" to list of semesters the course is offered. Internship needs to be offered all three semesters.
- Add "Student cannot document more than 40 hours of work experience per week." Students were documenting non work hours toward internship, primarily at camps.
- Add under Prerequisites: "completion of all other courses applicable to degree." Students are enrolling in internship before all other coursework has been completed. When students have to return to campus for classes they are not able to accept a permanent position with their internship agency, if offered.
- Add "Student must complete a minimum of 600 clock hours during a minimum of 15 weeks of supervised internship is required." Students are required under certification and accreditation to complete a minimum of 600 clock hours and a minimum 15 weeks of supervised internship experience.
- Add to written report required "...within two weeks of internship completion." Sets a deadline date for internship report following completion of internship experience.
- Increase supervisor travel fee to \$100. \$50 travel fee is insufficient to cover travel costs within state.
Student accounts was modified by Budget Office when approved by Board of Trustees

Corrected course description for the catalog:

RP (HA) 4116 Internship.

Fall, spring and summer semesters. Parks, Recreation, and Hospitality Administration majors only. Prerequisites: Senior standing, current certifications in CPR, Standard and Advanced First Aid, consent of department chair and completion of all other courses applicable to degree. Placement in selected agency settings as a student intern under professional guidance of both agency supervisor and faculty. Emphasis will be placed on application of classroom theory to agency requirements which fulfill student's individual career interest. No prior experience credit will be granted. Minimum of 600 clock hours during a minimum of 15 weeks of supervised internship is required. Student cannot document more than 40 hours of work experience per week. A written report is required within two weeks of internship completion. \$100 supervisor travel fee required.

Effective date: Fall 2006

Semester I

12/8/2005

FORMAT FOR CURRICULUM CHANGE PROPOSAL

To: Curriculum Committee

From: Parks, Recreation & Hospitality Administration

Date Submitted: October 4, 2005

Type of Curriculum Change Requested: *Add RP 3503 Recreational Sport Mgmt
to Recreation Administration curriculum*

Submitted By: Dr. Theresa Herrick *Delete 3 hours of electives*

Approved By: Department Head: *Theresa Herrick*

Dean of School: *John West*

Reviewed By: Registrar: *Jammy Rude*
Vice-President for Academic Affairs

I. Program or curriculum change as it will appear in the catalog.
(see page 3 of this Attachment)

II. Course Information

A. Rationale for the requested change.

Students taking the Recreation Administration curriculum need a programming and management course for recreational sports because of the emphasis on sports in municipal recreation programs, campus recreation programs and sports associations. This course replaces some of the course material from Organization and Administration in Intramurals which was a required course for the Recreation Administration curriculum until it was deleted several years ago.

B. What impact will the change have on staffing, on other programs, budget, and space allocation?

1. Within the department requesting the change.

Course will be taught by an adjunct professor. Adjunct funds are available.

2. Outside the department.

No effect outside of the department.

C. Effective date or term. 2006-07 catalog

~~Spring 2007 taught~~

D. **When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

- 1.
- 2.
- 3.
- 4.
- 5.

If no, please attach explanation from responding Department Head indicating why they do not support the proposal.

Note: A syllabus should accompany each course proposal. The syllabus should contain the objectives of the course, a summary of course content, and bibliography of resources.

***Each new program proposal must include an assessment plan using the approved University Assessment Form.**

RP 3503 Recreational Sport Management will satisfy some the of NRPA/AALR standards for accreditation listed in the RP Assessment Plan.

*Updated 8/1/04

**Updated 9/1/05

Outline in specific detail how your proposal will alter the program (include course number and title): ***Recreation Administration Emphasis***

Fall Start	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: RP 3503 Recreational Sport Mgmt Delete: APPROVED ELECTIVES 3 HRS Total Hours: 15
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Spring Start (If applicable)	
Freshman Spring Semester Add/Change: Delete: Total Hours:	Freshman Fall Semester Add/Change: Delete: Total Hours:
Sophomore Spring Semester Add/Change: RP 3503 Recreational Sport Mgmt Delete: APPROVED ELECTIVES 3 HRS Total Hours: 18	Sophomore Fall Semester Add/Change: Delete: Total Hours:
Junior Spring Semester Add/Change: Delete: Total Hours:	Junior Fall Semester Add/Change: Delete: Total Hours:
Senior Spring Semester Add/Change: Delete: Total Hours:	Senior Fall Semester Add/Change: Delete: Total Hours:
Total Program Hours	