

Curriculum Committee
AGENDA
Tuesday, August 22
Private Dining Room
Noon

I. Call to Order

- A. Approval of minutes for the March 31, 2006, meeting (April 28, 2006 meeting was cancelled)

II. Old Business

- A. Review of General Education Goals

III. New Business

- A. Election of the position Chair-Elect
- B. Election of the position Secretary
- C. Select day and time for meetings

VI. Adjournment

Minutes of
Curriculum Committee
Of
Arkansas Tech University

The Curriculum Committee met for a luncheon meeting in the Chambers Cafeteria Private Dining room, on Tuesday, August 22, 2006, at noon. The following members were present:

Dr. Micheal Tarver
Dr. Sherman Alexander
Dr. David Hoelzeman
Dr. Randy Kirkpatrick
Ms. Jennifer Helms
Dr. Jeff Robertson
Dr. Kathy Pearson
Dr. Jackie Bowman

Dr. Trey Philpotts
Dr. Byra Ramsey
Dr. Joe Moore
Ms. Nicole Goodlett
Mr. Ross White
Ms. Tammy Rhodes
Ms. Brandi Tripp

All members present.

Dr. Jack Hamm and Ms. Pat Chronister were guests. Dr. Hamm welcomed the Curriculum Committee to the new academic year. He talked about catalog production deadlines. He asked for any questions. Dr. Robertson indicated that the new format for the catalog was not as good as our previous catalogs. He did not like that excluded course titles in the curriculum matrix. Dr. Hamm noted that it did require students to look at the course catalog descriptions at the back of the catalog which details pre-requisites and co-requisites.

CALL TO ORDER

Dr. Tarver called the meeting to order and asked for approval of the Minutes from the March 31, 2006. Motion by Dr. Pearson, seconded by Dr. Ramsey, to approve the minutes. Motion carried.

OLD BUSINESS:

General Education Review:

Dr. Tarver reported that last year's Curriculum Committee was charged with reviewing the general education goals. He noted that the committee was instructed to determine if the goals were still relevant and if the goals needed to be updated. Dr. Tarver reported that the sub-committee comprised of Dr. Tim Carter, Dr. Deborah Wilson, and Dr. Tarver, distributed a letter to department heads requesting input regarding the general education goals. Dr. Tarver summarized that the sub-committee found that the faculty were happy with the current goals with only minor changes recommended. He indicated that at present, the university actually has 31 different items included in the general education goals, and that the University Assessment Committee was given a directive to narrow the number to 7-10 goals. Dr. Tarver requested that the committee continue the process of determining the general education goals. It was requested that the assessment materials distributed last year be re-distributed to new members. Dr. Tarver added that writing goals was not changing courses.

NEW BUSINESS:

Dr. Tarver asked for election of the positions Chair-elect and Secretary.

Motion by Dr. Robertson, seconded by Dr. Ramsey, to nominate Dr. Pearson to the position of Chair-elect. Motion carried.

Motion by Dr. Bowman, seconded by Dr. Philpotts, to nominate Dr. Robertson to the position of Secretary. Motion carried.

MEETING DATE AND TIME:

Dr. Tarver asked committee members to email teaching schedules to Ms. Rhodes so that a meeting time could be determined.

ADJOURNMENT:

The meeting adjourned at 1:00 p.m.

Sincerely,

Dr. Micheal Tarver, Chair

Curriculum Committee
AGENDA
Friday, September 29, 2006
RPL 325
2:00 p.m.

I. Call to Order

- A. Approval of minutes for the September 15, 2006, meeting.

II. Old Business

- A. Review of General Education Goals

III. New Business

- A. Set Meeting Schedule

VI. Adjournment

Minutes of
Curriculum Committee
Of
Arkansas Tech University

The Curriculum Committee met on Friday, September 29, 2006, at 2 p.m. in RPL 325.
The following members were present:

Dr. Micheal Tarver	Dr. Byra Ramsey
Dr. Sherman Alexander	Dr. Joe Moore
Dr. David Hoelzeman	Mr. Ross White
Dr. Randy Kirkpatrick	Ms. Tammy Rhodes
Dr. Jeff Robertson	Ms. Brandi Tripp
Dr. Kathy Pearson	

Ms. Jennifer Helms, Dr. Jackie Bowman, Dr. Trey Philpotts, and Ms. Nicole Goodlett were absent.

CALL TO ORDER

Dr. Tarver called the meeting to order and asked for approval of the Minutes as corrected from the September 15, 2006. Motion by Dr. Hoelzeman, seconded by Dr. Moore, to approve the minutes as corrected. Motion carried.

OLD BUSINESS:

General Education Review:

Dr. Tarver stated that no report was distributed from the subcommittee at the end of last semester. He stated that the committee would be starting from scratch in reviewing the general education goals; however, Dr. Tarver stated that last year's subcommittee did find that the faculty agreed the goals were fine with minor updates.

Dr. Robertson discussed other Arkansas institutions general education goals. Dr. Ramsey discussed an article in the *Chronicle* about the U. S. Education Secretary's comments about school accountability and linkages with assessment.

After further discussion, the decision was made to form a subcommittee to draft goals for the next meeting. Drs. Robertson, Pearson, and Ramsey and Mr. White agreed to serve on the subcommittee.

NEW BUSINESS:

No new business was discussed

MEETING DATE AND TIME:

The decision was made to hold the next meeting on Friday, October 20, 2006, at 3 p.m.

ADJOURNMENT:

The meeting adjourned at 2:45 p.m.

Sincerely,

Dr. Micheal Tarver, Chair

Curriculum Committee
AGENDA
Friday, October 20, 2006
RPL 325
3:00 p.m.

I. Call to Order

Approval of minutes for the September 29, 2006, meeting

II. Old Business

Review of General Education Goals

III. New Business

A. Department of Parks, Recreation, and Hospitality Administration

(1) Change the prerequisite for RP 3783, Turfgrass Management: Basic Chemical Usage, from Prerequisite: CHEM 1114, A Survey of Chemistry, to Prerequisites: BIOL 2134, Principles of Botany, and CHEM 1114, A Survey of Chemistry;

(2) Change the prerequisite for RP 4773, Turfgrass Management: Climatic Regions and Cultivars, from Prerequisite: AGSS 2014, Soils, to Prerequisites: AGSS 2014, Soils, BIOL 2134, Principles of Botany, and CHEM 1114, A Survey of Chemistry;

(3) Change the title of the Park Administration Emphasis to Natural Resource Emphasis; modify the text on page 216 as outlined; and modify footnotes 2 and 3; and

(4) Modify the Turf Management Emphasis as follows: add RP 2033, Recreation Leadership; and delete SPH 2003, Public Speaking.

B. Department of Computer and Information Science

(1) Delete the following courses from the course descriptions:
COMS 1201, Introduction to Spreadsheets;
COMS 1301, Introduction to Word Processing;
COMS 1401, Introduction to Database Systems;
COMS 1521, Computer-Aided Design Graphics;
COMS 1561, Presentation Graphics;
COMS 1903, Applied Computer Graphics;
COMS 2723, PC Computer Architecture and Operating Systems;
COMS 3033, Application Program Development I; and
COMS 3043, Application Program Development II; and

(2) Modify the Curriculum in Computer Science as follows: delete PHYS 2114, General Physics I, and PHYS 2124, General Physics II; and replace with Science Sequence I and II with footnote 3 “May be satisfied by any one-year science sequence that requires a lab in each course, excluding biological science courses.”

C. Department of Physical Sciences

(1) Modify the prerequisite for CHEM 3344, Principles of Biochemistry, from Prerequisite: CHEM 3254, Fundamentals of Organic Chemistry, to Prerequisites: CHEM 3254, Fundamentals of Organic Chemistry, and BIOL 1014, Introduction to Biological Science, or BIOL 1114, Principles of Biology; and

(2) Modify the Curriculum in Physical Science (General Option) as follows: delete COMS 2003, Microcomputer Applications.

D. Department of Nursing

(1) Add NUR 4903, Synthesis of Clinical and Theoretical Nursing, with a \$40 testing fee to the course descriptions; and

(2) Change the course number for NUR 4806, Practicum in Nursing IV – Nursing in the Community, to NUR 4804, Practicum in Nursing IV – Nursing in the Community, and modify the course description; and modify the Curriculum in Baccalaureate Nursing as follows: delete NUR 4806, Practicum in Nursing IV – Nursing in the Community; add NUR 4804, Practicum in Nursing IV – Nursing in the Community; add NUR 4903, Synthesis of Clinical and Theoretical Nursing; and modify the text on page 180 to change NUR 4806, Practicum in Nursing IV – Nursing in the Community, to NUR 4804, Practicum in Nursing IV – Nursing in the Community.

E. Department of Art

(1) Modify the course description for ART 3803, Introduction to Printmaking; and

(2) Add ART 3903, Introduction to Fiber Arts, to the course descriptions.

F. Department of Professional Studies

(1) Add PS 3023, Professional Communications, to the course descriptions; and

(2) Modify the curriculum in Professional Studies as follows: delete ECON 2003, Principles of Economics I, PSY 2003, General Psychology, and SOC 1003, Introductory Sociology, as general education social sciences requirements; replace BUAD 3023, Business Communications, with PS 3023, Professional

Communications; and modify footnote 1 to read “See appropriate alternatives or substitutions in the General Education Requirements on page 82”.

G. Department of Emergency Administration and Management

(1) Delete EAM 3043, The Politics of Disaster, from the course descriptions;

(2) Change the course number for EAM 4201-15, Externship, to EAM 3206, Externship, and modify the course description;

(3) Add EAM 3243, Introduction to Terrorism, to the course descriptions;

(4) Add EAM 3133, Applied Principles of Personnel Management, to the course descriptions;

(5) Delete the Interdisciplinary Core Sociology and Environmental options from the Curriculum in Emergency Administration and Management and modify the curriculum; and

(6) Reduce the number of hours required for the minor in Emergency Administration and Management from 21 hours to 18 hours and modify the curriculum as follows: delete EAM 3003, Developing Emergency Management Skills, EAM 3013, Public Policy Issues in Emergency Management, EAM 4023, Information Technology and Emergency Management, EAM 4033, Emergency Management Research Methods/Analysis, and EAM 4043, Disaster and Emergency Management Ethics; delete the notation that EAM 4993 may be used as a substitute for one of the indicated courses; and add twelve hours of upper division EAM Core Classes.

VI. Adjournment

Minutes of
Curriculum Committee
Of
Arkansas Tech University

The Curriculum Committee met in RPL 325, on Friday, October 20, 2006, at 3 p.m. The following members were present:

Dr. Micheal Tarver, Dr. Sherman Alexander, Dr. David Hoelzeman, Dr. Randy Kirkpatrick, Ms. Jennifer Helms, Dr. Jeff Robertson, Dr. Kathy Pearson, Dr. Jackie Bowman, Dr. Trey Philpotts, Mr. Ross White, Ms. Tammy Rhodes, and Ms. Brandi Tripp.

Dr. Joe Moore, Dr. Byra Ramsey, and Ms. Nicole Goodlett were absent.

Dr. Glen Bishop, Dr. Rebecca Burris, Dr. David Mudrinich, Dr. Mary Ann Rollans, Ms. Annette Stuckey, and Dr. Robert Schwartz were guests.

CALL TO ORDER

Dr. Tarver called the meeting to order and asked for approval of the Minutes from the September 29, 2006. Motion by Dr. Hoelzeman, seconded by Dr. Robertson, to approve the minutes. Motion carried.

Dr. Tarver entertained a motion to suspend the order of the agenda to **allow** curriculum proposals to be presented. Motion by Dr. Hoelzeman, seconded by Mr. White, to suspend the order of the agenda. Motion carried.

NEW BUSINESS:

Motion by Mr. White, seconded by Dr. Pearson, to consider all proposals from each department instead of approving each item separately. Motion carried.

CURRICULUM PROPOSALS:

Motion by Dr. Robertson, seconded by Ms. Helms, to consider proposals from the Department of Parks, Recreation, and Hospitality Administration later in the meeting when a representative from the department can be available. Motion carried.

Department of Computer and Information Science

Motion by Dr. Robertson, seconded by Mr. Helms, to approve the following proposals:

- (1) Delete the following courses from the course descriptions:
COMS 1201, Introduction to Spreadsheets;
COMS 1301, Introduction to Word Processing;
COMS 1401, Introduction to Database Systems;
COMS 1521, Computer-Aided Design Graphics;
COMS 1561, Presentation Graphics;
COMS 1903, Applied Computer Graphics;
COMS 2723, PC Computer Architecture and Operating Systems;
COMS 3033, Application Program Development I; and

COMS 3043, Application Program Development II; and

(2) Modify the Curriculum in Computer Science as follows: delete PHYS 2114, General Physics I, and PHYS 2124, General Physics II; and replace with Science Sequence I and II with footnote 3 “May be satisfied by any one-year science sequence that requires a lab in each course, excluding biological science courses.”

Motion carried.

Motion by Dr. Hoelzeman, seconded by Mr. White, to approve the following proposals:

Department of Physical Sciences

(1) Modify the prerequisite for CHEM 3344, Principles of Biochemistry, from Prerequisite: CHEM 3254, Fundamentals of Organic Chemistry, to Prerequisites: CHEM 3254, Fundamentals of Organic Chemistry, and BIOL 1014, Introduction to Biological Science, or BIOL 1114, Principles of Biology; and

(2) Modify the Curriculum in Physical Science (General Option); **Physical Science (Physics Option); Physical Science (Nuclear Physics Option); and Engineering Physics** as follows: delete COMS 2003, Microcomputer Applications.

Motion carried.

Department of Nursing

Motion by Dr. Bowman, seconded by Dr. Pearson, to approve the following proposals:

(1) Add NUR 4903, Synthesis of Clinical and Theoretical Nursing, with a \$40 testing fee to the course descriptions; and

(2) Change the course number for NUR 4806, Practicum in Nursing IV – Nursing in the Community, to NUR 4804, Practicum in Nursing IV – Nursing in the Community, and modify the course description; and modify the Curriculum in Baccalaureate Nursing as follows: delete NUR 4806, Practicum in Nursing IV – Nursing in the Community; add NUR 4804, Practicum in Nursing IV – Nursing in the Community; add NUR 4903, Synthesis of Clinical and Theoretical Nursing; and modify the text on page 180 to change NUR 4806, Practicum in Nursing IV – Nursing in the Community, to NUR 4804, Practicum in Nursing IV – Nursing in the Community.

Motion carried.

Department of Art

Motion by Dr. Hoelzeman, seconded by Ms. Helms, to approve the following proposals:

(1) Modify the course description for ART 3803, Introduction to Printmaking; and

(2) Add ART 3903, Introduction to Fiber Arts, to the course descriptions.

Motion carried.

Department of Professional Studies

Ms. Rhodes indicated that a third proposal from the Department of Professional Studies was overlooked when summarizing and copying the agenda. Committee agreed to consider the proposal with the others.

Motion by Dr. Robertson, seconded by Dr. Philpotts, to approve the following proposals with the condition that a support document from Dr. Kevin Mason is provided:

- (1) Add PS 3023, Professional Communications, to the course descriptions; and
- (2) Modify the curriculum in Professional Studies as follows: delete ECON 2003, Principles of Economics I, PSY 2003, General Psychology, and SOC 1003, Introductory Sociology, as general education social sciences requirements; replace BUAD 3023, Business Communications, with PS 3023, Professional Communications; and modify footnote 1 to read "See appropriate alternatives or substitutions in the General Education Requirements on page 82"; and
- (3) Modify the course description for PS 4006, Capstone Project, as outlined in the proposal.

Motion carried.

Department of Emergency Administration and Management

Motion by Dr. Robertson, seconded by Mr. White, to approve the following proposals:

- (1) Delete EAM 3043, The Politics of Disaster, from the course descriptions;
- (2) Change the course number for EAM 4201-15, Externship, to EAM 3206, Externship, and modify the course description;
- (3) Add EAM 3243, Introduction to Terrorism, to the course descriptions;
- (4) Add EAM 3133, Applied Principles of Personnel Management, to the course descriptions;
- (5) Delete the Interdisciplinary Core Sociology and Environmental options from the Curriculum in Emergency Administration and Management and modify the curriculum; and
- (6) Reduce the number of hours required for the minor in Emergency Administration and Management from 21 hours to 18 hours and modify the curriculum as follows: delete EAM 3003, Developing Emergency Management Skills, EAM 3013, Public Policy Issues in Emergency Management, EAM 4023, Information Technology and Emergency Management, EAM 4033, Emergency Management Research Methods/Analysis, and EAM 4043, Disaster and Emergency Management Ethics; delete the notation that EAM 4993 may be used as a substitute for one of the indicated courses; and add twelve hours of upper division EAM Core Classes.

Motion carried.

Motion by Dr. Hoelzeman, seconded by Dr. Robertson, to considered the proposals from the Department of Parks, Recreation, and Hospitality Administration. Motion carried.

Department of Parks, Recreation, and Hospitality Administration

Motion by Dr. Robertson, seconded by Dr. Hoelzeman, to approve the following proposals:

(1) Change the prerequisite for RP 3783, Turfgrass Management: Basic Chemical Usage, from Prerequisite: CHEM 1114, A Survey of Chemistry, to Prerequisites: BIOL 2134, Principles of Botany, and CHEM 1114, A Survey of Chemistry;

(2) Change the prerequisite for RP 4773, Turfgrass Management: Climatic Regions and Cultivars, from Prerequisite: AGSS 2014, Soils, to Prerequisites: AGSS 2014, Soils, BIOL 2134, Principles of Botany, and CHEM 1114, A Survey of Chemistry;

(3) Change the title of the Park Administration Emphasis to Natural Resource Emphasis; modify the text on page 216 as outlined; and modify footnotes 2 and 3; and

(4) Modify the Turf Management Emphasis as follows: add RP 2033, Recreation Leadership; and delete SPH 2003, Public Speaking.

Motion carried.

OLD BUSINESS:

General Education Review

Dr. Tarver entertained a motion to resume the order of the agenda. Motion by Dr. Robertson, seconded by Dr. Hoelzeman, to resume the order of the agenda. Motion carried.

Dr. Robertson distributed recommendations from the subcommittee charged with formulating a draft of new general education goals. He started discussion regarding the general education goals. Dr. Tarver indicated that the Curriculum Committee would need to provide the Faculty Senate with their recommendations by the Faculty Senate's November 1, agenda deadline if we were to meet the February catalog deadline. With minor adjustments to the goals provided by the subcommittee, motion by Dr. Philpotts, seconded by Dr. Robertson, to forward the following recommendations to the Faculty Senate:

General Education Goals

The graduating Arkansas Tech University student should be able to acquire a foundation for knowledge common to educated people and the capacity to expand that knowledge over their lifetime. In order to fulfill this, the student will:

Effectively use communication skills to understand, analyze, inform and persuade;
Understand ethical and moral issues of diverse societies and environments;
Think critically, synthesizing knowledge and drawing conclusions from complex material;

Gain knowledge of the natural, physical and technological world and the qualitative and quantitative methods and analysis used to obtain that knowledge; and
Understand the role of humanistic and artistic expression in ancient and contemporary cultures.

Motion carried.

Dr. Tarver entertained a motion to distribute and consider proposals from the Department of Biological Sciences and the Departments of Electrical Engineering and Mechanical Engineering. Motion by Dr. Pearson, seconded by Mr. White, to distribute and consider the proposals. Motion carried.

A general education subcommittee consisting of Dr. Kirkpatrick, Dr. Robertson, Dr. Pearson, Dr. Ramsey, and Mr. White was formed to review the proposals from the Department of Biological Sciences and the Departments of Electrical Engineering and Mechanical Engineering.

Motion by Dr. Hoelzeman, seconded by Dr. Philpotts, to table the item. Motion carried.

The meeting adjourned at 4:18 p.m.

Sincerely,

Dr. Micheal Tarver, Chair

Curriculum Committee
AGENDA
Friday, November 17, 2006
RPL 325
3:00 p.m.

I. Call to Order

Approval of minutes for the October 20, 2006, meeting

II. Old Business

Recommendation from the General Education Subcommittee regarding proposals from the Departments of Biological Sciences, Electrical Engineering, and Mechanical Engineering

III. New Business

A. Department of Business and Economics

(1) Modify the text for transfer students as follows: (a) delete the statements: of credit prior to enrollment; and provided they have the appropriate course prerequisites; and (b) add have a cumulative GPA of at least 2.0; and approval from the School of Business Dean.

B. Department of Curriculum and Instruction

(1) Modify the Curriculum in Early Childhood Education; Middle Level Education Mathematics and Science Licensure; Middle Level Education English Language Arts and Social Studies Licensure; Foreign Language with Concentration in French, German, or Spanish for Teacher Licensure; Life Science and Earth Science for Teacher Licensure; Physical Science and Earth Science for Teacher Licensure; and Health and Physical Education including Teacher Licensure as follows: add the following footnote to MATH 1113, College: (Appropriate footnote number) Any higher level Mathematics course may be substituted for MATH 1113, College Algebra.

C. Department of Foreign Languages and International Studies

(1) (a) modify the course description for FR 1014, Beginning French I; FR 1024, Beginning French II; FR 2014, Intermediate French I; and FR 2024, Intermediate French II; as follows: delete Laboratory work by arrangement; and add One hour of foreign language lab per week is required; (b) modify the course description for GER 1014, Beginning German I; GER 1024, Beginning German II; GER 2014, Intermediate German I; GER 2024, Intermediate German II; as follows: add One hour of foreign language lab per week is required; and (c)

modify the course description for SPAN 1014, Beginning Spanish I; SPAN 1024, Beginning Spanish II; SPAN 2014, Intermediate Spanish I; and SPAN 2024, Intermediate Spanish II; as follows: add One hour of foreign language lab per week is required;

(2) (a) Modify the course description for SPAN 1063, Basic Spanish for Medical and Social services, and (b) add the following prerequisites: Prerequisites: SPAN 1014, Beginning Spanish I, and SPAN 1024, Beginning Spanish II;

(3) Modify the text regarding areas of concentration for the Curriculum in International Studies by deleting the statement “Students may select the 27 hours in an area of concentration from any of the departmental majors offered at Tech” and replacing it with “Students may select areas of concentration from programs in the Schools of Community Education and Professional Development, Liberal and Fine Arts, Physical and Life Sciences, and Systems Science”;

(4) Modify the text and footnotes regarding the ACTFL Oral Proficiency Interview (OPI) in the Curriculum in Foreign Languages BA Degree with Concentration in French, German, or Spanish and in the Curriculum in Foreign Languages with Concentration in French, German, or Spanish for Teacher Licensure, by adding verbiage concerning the OPI requirement and minimum proficiency rating;

(5) (a) Change the title of SPAN 3143, Contemporary Hispanic Culture Immersion Experiences, to Study Abroad; (b) cross-list with French and German; and (c) modify the course description; and

(6) (a) Delete SPAN 3153, Hispanic Cultural Heritage Immersion Experiences, from the course descriptions; (b) add FR/GER/SPAN 3163, Community Internship Experience, to the course descriptions; and (c) modify the curriculum in Foreign Languages BA Degree with Concentration in French, German, or Spanish and the Curriculum in Foreign Languages with Concentration in French, German, or Spanish for Teacher Licensure as follows: delete SPAN 3153, Hispanic Cultural Heritage Immersion Experiences; add FR/GER/SPAN 3143, Study Abroad, or FR/GER/SPAN 3163, Community Internship Experience; and delete 3 hours of upper level electives.

D. Department of Social Sciences and Philosophy

(1) Modify the course description for GEOG 4803, Seminar in Global Studies, as outlined in the proposal;

(2) Add HIST 3193, History of American Disasters, to the course descriptions;

(3) Add POLS 2153, Introduction to Strategic Studies; and

(4) Add the Minor in Strategic Studies as outlined in the proposal.

E. Department of Speech, Theatre, and Journalism

(1) Modify the Curriculum in Speech for Teacher Licensure as follows: delete SPH 4073, Directing Forensics; and add SPH 3123, Argumentation.

F. Department of Biological Sciences

(1) (a) Change the course number for BIOL (PSY) 3023, Animal Behavior, to BIOL (PSY) 3184, Animal Behavior; (b) change the prerequisites from Prerequisites: a biology course and a psychology course, or approval of the instructor, to Prerequisites: sophomore standing in biology or psychology, or approval of the instructor; and (c) modify the course description.

(2) Modify the prerequisite for BIOL 4891, Seminar in Biology, from Prerequisite: an upper level science course, to Prerequisites: an upper level biology course and senior standing;

(3) (a) Change the course number for AHS 1024, Basic Pharmacology with an Overview of Microbiology, to AHS 1023, Basic Pharmacology with an Overview in Microbiology, and modify the course description; (b) change the course number for AHS 2031, Medical Assistant Clinical Practice Laboratory, to AHS 2032, Medical Assistant Clinical Practice Laboratory, and modify the course description; and (c) modify the Curriculum in Medical Assistant as follows: delete AHS 1024, Basic Pharmacology with an Overview of Microbiology, and AHS 2031, Medical Assistant Clinical Practice Laboratory; add AHS 1023, Basic Pharmacology with an Overview in Microbiology, and AHS 2032, Medical Assistant Clinical Practice Laboratory; delete HIM 2003, Fundamentals of Medical Transcription; and add HIM 3033, Basic Coding Principles; and

G. Department of Physical Sciences

(1) Modify the course description for GEOL 1004, Essentials of Earth Science; and

(2) Change the title for PHYS 1114, Applied Physics to PHYS 1114, Survey of Physics.

H. Department of Mathematics

(1) Change the prerequisite for MATH 2914, Calculus I, from Prerequisites: MATH 1914, Precalculus, and MATH 1203, Plane Trigonometry, or consent of the Mathematics Department, to Prerequisites: Math ACTE score of 24 or higher, or a grade of C or higher in both MATH 1914, Precalculus, and MATH 1203,

Plane Trigonometry, or consent of Mathematics Department; and modify the course description;

(2) Change the prerequisite for MATH 3203, Introduction to Analysis, from Prerequisites: MATH 2934, Calculus III, and MATH 2703, Discrete Mathematics, to Prerequisite: MATH 3003, Foundations of Number Systems; and

(3) Change the prerequisite for MATH 4033, Abstract Algebra I, from Prerequisites: MATH 2703, Discrete Mathematics, to Prerequisite: MATH 3003, Foundations of Number Systems; and modify the course description.

I. Department of Electrical Engineering

(1) (a) Change the course number for ELEG 2131, Digital Logic Design Lab, to ELEG 2130, Digital Logic Design Lab; and (b) change the corequisite/prerequisites from Corequisite: ELEG 2133, Digital Logic Design. Prerequisite: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, or consent of instructor, to Corequisite: ELEG 2134, Digital Logic Design. Prerequisite: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, or consent of instructor;

(2) (a) Change the course number for ELEG 2133, Digital Logic Design, to ELEG 2134, Digital Logic Design; and (b) change the corequisite/prerequisites from Corequisite: ELEG 2131, Digital Logic Design Lab. Prerequisite: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, or consent of instructor, to Corequisite: ELEG 2130, Digital Logic Design Lab. Prerequisite: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, or consent of instructor;

(3) Change the prerequisites for ELEG 4133, Advanced Digital Design, from Prerequisites: ELEG 3103, Electronics I, and ELEG 3133, Microprocessor Systems Design, to Prerequisite: ELEG 2134, Digital Logic Design; and

J. Department of Mechanical Engineering

(1) Add MCEG 4343, Internal Combustion Engines, and MCEG 4473, Mechanical Vibrations, to the course descriptions; and

(2) Modify prerequisites/corequisites and the Curriculum in Mechanical Engineering as follows (3 proposals): (b) delete COMS 2803, Programming in C; (c) add MCEG 2203, Computational Methods in Engineering, to the course descriptions and curriculum; (d) change the prerequisites for MCEG (ELEG) 3003, Engineering Modeling and Design, from Prerequisites: COMS 2803, Programming in C, and MATH 3243, Differential Equations I, to Prerequisites: COMS 2803, Programming in C, MATH 3243, Differential Equations I, and MCEG 2203, Computational Methods in Engineering; (e) change 3 hours of

3000-level Engineering Electives to 3 hours of Technical Electives; and add footnote 4 “Technical elective course to be chosen with approval of advisor list of eligible courses maintained in the departmental office”; (f) modify the prerequisite for MCEG 1002, Engineering Graphics, from MATH 1113, College Algebra, to Prerequisite or corequisite: MCEG (ELEG) 1012, Introduction to Engineering; (g) modify the corequisite for MCEG 2013, Statics, from Corequisite: PHYS 2114, General Physics I, to Prerequisite or corequisite: PHYS 2114, General Physics I; (h) modify the corequisite for MCEG 2033, Dynamics, from Corequisite: MATH 3243, Differential Equations I, to Prerequisite or corequisite: MATH 3243, Differential Equations I; (i) change the title of MCEG 3403, Machine Dynamics and Vibrations, to Machine Dynamics; (j) modify the prerequisite for MCEG 3442, Mechanical Laboratory I, from Prerequisite: MCEG 2023, Engineering Materials, to Prerequisite or corequisite: MCEG 2023, Engineering Materials; (k) modify the corequisite for MCEG 3503, Basic Nuclear Engineering, from Corequisite: PHYS 2114, General Physics I, to Prerequisite or corequisite: PHYS 2114, General Physics I; (l) modify the prerequisites for MCEG 3512, Radiation Detection Laboratory, from MATH 2914, Calculus I, CHEM 2124, General Chemistry I, and MCEG 3503, Basic Nuclear Engineering, to MATH 2914, Calculus I, and CHEM 2124, General Chemistry I; (m) modify the prerequisites for MCEG 4323, Power Plant Systems, from Prerequisites: MCEG 3313, Thermodynamics I, MCEG 4403, Mechanics of Fluids and Hydraulics, or consent, to Prerequisite: MCEG 3313, Thermodynamics I, or consent. Prerequisite or corequisite: MCEG 4403, Mechanics of Fluids and Hydraulics; (n) modify the prerequisites for MCEG 4443, Heat Transfer, from Prerequisites: MCEG 3313, Thermodynamics I, MCEG 4403, Mechanics of Fluids and Hydraulics, or consent, to Prerequisite: MCEG 3313, Thermodynamics I, or consent. Prerequisite or corequisite: MCEG 4403, Mechanics of Fluids and Hydraulics; and (o) modify the prerequisites for MCEG 4463, Heating, Ventilating, and Air-Conditioning Design, from Prerequisites: MCEG 3313, Thermodynamics I, MCEG 4443, Heat Transfer, or permission of instructor, to Prerequisite: MCEG 3313, Thermodynamics I, or permission of instructor.

VI. Adjournment

Minutes of
Curriculum Committee
Of
Arkansas Tech University

The Curriculum Committee met in RPL 325, on Friday, November 17, 2006, at 3 p.m.
The following members were present:

Dr. Micheal Tarver, Dr. Sherman Alexander, Dr. David Hoelzeman, Dr. Randy Kirkpatrick, Ms. Jennifer Helms, Dr. Jeff Roberson, Dr. Kathy Pearson, Dr. Jackie Bowman, Dr. Trey Philpotts, Dr. Byra Ramsey, Dr. Joe Moore, Mr. Ross White, and Ms. Brandi Tripp.

Ms. Nicole Goodlett and Ms. Tammy Rhodes were absent. Dr. Charlie Gagen, Dr. David Bell, Dr. John Krohn, Dr. Ursula Chandler, Dr. Carl Greco, and Dr. Ron Nelson were guests.

CALL TO ORDER

Dr. Tarver called the meeting to order and asked for approval of the Minutes from the October 30, 2006. Motion by Dr. Hoelzeman, seconded by Dr. Pearson, to approve the minutes. Motion carried.

Dr. Tarver entertained a motion to suspend the order of the agenda so that new business could be addressed first. Motion by Mr. White, seconded by Dr. Moore, to suspend the order of the agenda. Motion carried.

Dr. Tarver entertained a motion to suspend the order of the agenda to allow curriculum proposals to be presented. Motion by Mr. White, seconded by Dr. Moore, to suspend the order of the agenda. Motion carried.

NEW BUSINESS:

Motion by Mr. White, seconded by Dr. Pearson, to consider all proposals from each department instead of approving each item separately. Motion carried.

Department of Business and Economics

Motion by Dr. Hoelzeman, seconded by Dr. Moore, to approve the following proposal: (1) Modify the text for transfer students as follows: (a) delete the statements: of credit prior to enrollment; and provided they have the appropriate course prerequisites; and (b) add have a cumulative GPA of at least 2.0; and approval from the School of Business Dean. Motion carried.

Department of Curriculum and Instruction

Motion by Dr. Moore, seconded by Mr. White, to approve the following proposal: (1) Modify the Curriculum in Early Childhood Education; Middle Level Education Mathematics and Science Licensure; Middle Level Education English Language Arts and Social Studies Licensure; Foreign Language with Concentration in French, German, or Spanish for Teacher Licensure; Life Science and Earth Science for Teacher Licensure; Physical Science and Earth Science for Teacher Licensure; and Health and Physical

Education including Teacher Licensure as follows: add the following footnote to MATH 1113, College: (Appropriate footnote number) Any higher level Mathematics course may be substituted for MATH 1113, College Algebra. Motion carried.

Department of Foreign Languages and International Studies

Motion by Dr. Robertson, seconded by Dr. Pearson to approve the following proposals as amended:

(1) (a) modify the course description for FR 1014, Beginning French I; FR 1024, Beginning French II; FR 2014, Intermediate French I; and FR 2024, Intermediate French II; as follows: delete Laboratory work by arrangement; and add One hour of foreign language lab per week is required; (b) modify the course description for GER 1014, Beginning German I; GER 1024, Beginning German II; GER 2014, Intermediate German I; GER 2024, Intermediate German II; as follows: add One hour of foreign language lab per week is required; and (c) modify the course description for SPAN 1014, Beginning Spanish I; SPAN 1024, Beginning Spanish II; SPAN 2014, Intermediate Spanish I; and SPAN 2024, Intermediate Spanish II; as follows: add One hour of foreign language lab per week is required;

(2) (a) Modify the course description for SPAN 1063, Basic Spanish for Medical and Social services, and (b) add the following prerequisites: Prerequisites: SPAN 1014, Beginning Spanish I, and SPAN 1024, Beginning Spanish II;

(3) Modify the text regarding areas of concentration for the Curriculum in International Studies by deleting the statement “Students may select the 27 hours in an area of concentration from any of the departmental majors offered at Tech” and replacing it with “Students may select areas of concentration from available programs in the Schools of Community Education and Professional Development, Liberal and Fine Arts, Physical and Life Sciences, and Systems Science”;

(4) Modify the text and footnotes regarding the ACTFL Oral Proficiency Interview (OPI) in the Curriculum in Foreign Languages BA Degree with Concentration in French, German, or Spanish and in the Curriculum in Foreign Languages with Concentration in French, German, or Spanish for Teacher Licensure, by adding verbiage concerning the OPI requirement and minimum proficiency rating;

(5) (a) Change the title of SPAN 3143, Contemporary Hispanic Culture Immersion Experiences, to Study Abroad; (b) cross-list with French and German; and (c) modify the course description; and

(6) (a) Delete SPAN 3153, Hispanic Cultural Heritage Immersion Experiences, from the course descriptions; (b) add FR/GER/SPAN 3163, Community Internship Experience, to the course descriptions; and (c) modify the curriculum in Foreign Languages BA Degree with Concentration in French, German, or Spanish and the Curriculum in Foreign Languages with Concentration in French, German, or Spanish for Teacher Licensure as follows: delete SPAN 3153, Hispanic Cultural Heritage Immersion Experiences; add FR/GER/SPAN 3143, Study Abroad, or FR/GER/SPAN 3163, Community Internship Experience; and delete 3 hours of upper level electives.

Motion carried.

Department of Social Sciences and Philosophy

Motion by Dr. Hoelzeman, seconded by Ms. Helms, to approve the following proposals: (1) Modify the course description for GEOG 4803, Seminar in Global Studies, as outlined in the proposal; (2) Add HIST 3193, History of American Disasters, to the course descriptions; (3) Add POLS 2153, Introduction to Strategic Studies; and (4) Add the Minor in Strategic Studies as outlined in the proposal. Motion carried.

Department of Speech, Theatre, and Journalism

Motion by Ms. Helms, seconded by Dr. Ramsey, to approve the following proposal: (1) Modify the Curriculum in Speech for Teacher Licensure as follows: delete SPH 4073, Directing Forensics; and add SPH 3123, Argumentation. Motion carried.

Department of Biological Sciences

Motion by Dr. Robertson, seconded by Dr. Hoelzeman, to approve the following proposals:

(1) (a) Change the course number for BIOL (PSY) 3023, Animal Behavior, to BIOL (PSY) 3184, Animal Behavior; (b) change the prerequisites from Prerequisites: a biology course and a psychology course, or approval of the instructor, to Prerequisites: sophomore standing in biology or psychology, or approval of the instructor; and (c) modify the course description.

(2) Modify the prerequisite for BIOL 4891, Seminar in Biology, from Prerequisite: an upper level science course, to Prerequisites: an upper level biology course and senior standing;

(3) (a) Change the course number for AHS 1024, Basic Pharmacology with an Overview of Microbiology, to AHS 1023, Basic Pharmacology with an Overview in Microbiology, and modify the course description; (b) change the course number for AHS 2031, Medical Assistant Clinical Practice Laboratory, to AHS 2032, Medical Assistant Clinical Practice Laboratory, and modify the course description; and (c) modify the Curriculum in Medical Assistant as follows: delete AHS 1024, Basic Pharmacology with an Overview of Microbiology, and AHS 2031, Medical Assistant Clinical Practice Laboratory; add AHS 1023, Basic Pharmacology with an Overview in Microbiology, and AHS 2032, Medical Assistant Clinical Practice Laboratory; delete HIM 2003, Fundamentals of Medical Transcription; and add HIM 3033, Basic Coding Principles;

Motion carried.

Department of Physical Sciences

Motion by Dr. Bowman, seconded by Dr. Moore, to approve the following proposals: (1) Modify the course description for GEOL 1004, Essentials of Earth Science; and (2) Change the title for PHYS 1114, Applied Physics to PHYS 1114, Survey of Physics. Motion carried.

Department of Mathematics

Motion by Dr. Hoelzeman, seconded by Dr. Pearson, to approve the following proposals: (1) Change the prerequisite for MATH 2914, Calculus I, from Prerequisites: MATH 1914, Precalculus, and MATH 1203, Plane Trigonometry, or consent of the Mathematics

Department, to Prerequisites: Math ACTE score of 24 or higher, or a grade of C or higher in both MATH 1914, Precalculus, and MATH 1203, Plane Trigonometry, or consent of Mathematics Department; and modify the course description;

(2) Change the prerequisite for MATH 3203, Introduction to Analysis, from Prerequisites: MATH 2934, Calculus III, and MATH 2703, Discrete Mathematics, to Prerequisite: MATH 3003, Foundations of Number Systems; and

(3) Change the prerequisite for MATH 4033, Abstract Algebra I, from Prerequisites: MATH 2703, Discrete Mathematics, to Prerequisite: MATH 3003, Foundations of Number Systems; and modify the course description.

Motion carried.

Department of Electrical Engineering

Motion by Mr. White, seconded by Ms. Helms, to approve the following proposals:

(1) (a) Change the course number for ELEG 2131, Digital Logic Design Lab, to ELEG 2130, Digital Logic Design Lab; and (b) change the corequisite/prerequisites from Corequisite: ELEG 2133, Digital Logic Design. Prerequisite: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, or consent of instructor, to Corequisite: ELEG 2134, Digital Logic Design. Prerequisite: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, or consent of instructor;

(2) (a) Change the course number for ELEG 2133, Digital Logic Design, to ELEG 2134, Digital Logic Design; and (b) change the corequisite/prerequisites from Corequisite: ELEG 2131, Digital Logic Design Lab. Prerequisite: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, or consent of instructor, to Corequisite: ELEG 2130, Digital Logic Design Lab. Prerequisite: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, or consent of instructor;

(3) Change the prerequisites for ELEG 4133, Advanced Digital Design, from Prerequisites: ELEG 3103, Electronics I, and ELEG 3133, Microprocessor Systems Design, to Prerequisite: ELEG 2134, Digital Logic Design; and

Motion carried.

Department of Mechanical Engineering

Motion by Dr. Robertson, seconded by Dr. Pearson, to approve the following proposals:

(1) Add MCEG 4343, Internal Combustion Engines, and MCEG 4473, Mechanical Vibrations, to the course descriptions; and

(2) Modify prerequisites/corequisites and the Curriculum in Mechanical Engineering as follows (3 proposals): (b) delete COMS 2803, Programming in C; (c) add MCEG 2203, Computational Methods in Engineering, to the course descriptions and curriculum; (d) change the prerequisites for MCEG (ELEG) 3003, Engineering Modeling and Design, from Prerequisites: COMS 2803, Programming in C, and MATH 3243, Differential Equations I, to Prerequisites: COMS 2803, Programming in C, MATH 3243, Differential Equations I, and MCEG 2203, Computational Methods in Engineering; (e) change 3

hours of 3000-level Engineering Electives to 3 hours of Technical Electives; and add footnote 4 “Technical elective course to be chosen with approval of advisor list of eligible courses maintained in the departmental office”; (f) modify the prerequisite for MCEG 1002, Engineering Graphics, from MATH 1113, College Algebra, to Prerequisite or corequisite: MCEG (ELEG) 1012, Introduction to Engineering; (g) modify the corequisite for MCEG 2013, Statics, from Corequisite: PHYS 2114, General Physics I, to Prerequisite or corequisite: PHYS 2114, General Physics I; (h) modify the corequisite for MCEG 2033, Dynamics, from Corequisite: MATH 3243, Differential Equations I, to Prerequisite or corequisite: MATH 3243, Differential Equations I; (i) change the title of MCEG 3403, Machine Dynamics and Vibrations, to Machine Dynamics; (j) modify the prerequisite for MCEG 3442, Mechanical Laboratory I, from Prerequisite: MCEG 2023, Engineering Materials, to Prerequisite or corequisite: MCEG 2023, Engineering Materials; (k) modify the corequisite for MCEG 3503, Basic Nuclear Engineering, from Corequisite: PHYS 2114, General Physics I, to Prerequisite or corequisite: PHYS 2114, General Physics I; (l) modify the prerequisites for MCEG 3512, Radiation Detection Laboratory, from MATH 2914, Calculus I, CHEM 2124, General Chemistry I, and MCEG 3503, Basic Nuclear Engineering, to MATH 2914, Calculus I, and CHEM 2124, General Chemistry I; (m) modify the prerequisites for MCEG 4323, Power Plant Systems, from Prerequisites: MCEG 3313, Thermodynamics I, MCEG 4403, Mechanics of Fluids and Hydraulics, or consent, to Prerequisite: MCEG 3313, Thermodynamics I, or consent. Prerequisite or corequisite: MCEG 4403, Mechanics of Fluids and Hydraulics; (n) modify the prerequisites for MCEG 4443, Heat Transfer, from Prerequisites: MCEG 3313, Thermodynamics I, MCEG 4403, Mechanics of Fluids and Hydraulics, or consent, to Prerequisite: MCEG 3313, Thermodynamics I, or consent. Prerequisite or corequisite: MCEG 4403, Mechanics of Fluids and Hydraulics; and (o) modify the prerequisites for MCEG 4463, Heating, Ventilating, and Air-Conditioning Design, from Prerequisites: MCEG 3313, Thermodynamics I, MCEG 4443, Heat Transfer, or permission of instructor, to Prerequisite: MCEG 3313, Thermodynamics I, or permission of instructor.

Motion carried.

OLD BUSINESS:

Recommendation from the General Education Subcommittee regarding proposals from the Departments of Biological Sciences, Electrical Engineering, and Mechanical Engineering

Motion by
Seconded by
Discussion:

The meeting adjourned at p.m.

Sincerely,

Dr. Micheal Tarver, Chair

Minutes of
Curriculum Committee
Of
Arkansas Tech University

The Curriculum Committee met in RPL 325, on Friday, April 06, 2007, at 2 p.m. The following members were present:

Dr. Micheal Tarver, Dr. Sherman Alexander, Dr. David Hoelzeman, Dr. Randy Kirkpatrick, Dr. Jeff Robertson, Dr. Kathy Pearson, Dr. Jackie Bowman, Dr. Trey Philpotts, Dr. Brya Ramsey, Dr. Joe Moore, Mr. Ross White, Ms. Brandi Tripp,

Ms. Jennifer Helms and Ms. Tammy Rhodes were absent. Dr. Ron Nelson, Dr. Stan Apple, Dr. Georgena Duncan, and Dr. Donna Vocate were guests.

CALL TO ORDER

Dr. Tarver called the meeting to order and asked for approval of the minutes from the November 17, 2006 meeting. Motion by Dr. Robertson, seconded by Dr. Moore, to approve the minutes. Motion carried.

OLD BUSINESS

Motion by Dr. Hoelzeman, seconded by Dr. Robertson, to remove from the table the proposals submitted by the Department of Electrical Engineering and the Department of Mechanical Engineering.

Department of Electrical Engineering

Motion by Dr. Hoelzeman, seconded by Dr. Pearson, to approve the following proposal: (1) Modify the Curriculum in Electrical Engineering as follows: Delete 4 hours of biological sciences by requesting an exemption from the general education life science requirement, and add ELEG3153, Electrical Machines; and delete MCEG3313, Thermodynamics I. Motion carried.

Department of Mechanical Engineering

Motion by Dr. Hoelzeman, seconded by Dr. Pearson to approve the following proposal: (1) Modify the Curriculum in Mechanical Engineering as follows: Delete 4 hours of biological science by requesting an exemption from the general education life science requirement. Motion carried.

Motion by Dr. Robertson, seconded by Dr. Alexander, to remove from the table the proposal submitted by the Department of Biological Sciences.

Department of Biological Sciences

Motion by Dr. Philpotts, seconded by Dr. Robertson, to approve the following proposal:

(1) Modify the General Education Core Curriculum as follows: English/Communication 6-9 hours (composition 6 hours required verbiage to say the same) Three hours of speech communications if specified by major curriculum (if three hours of speech communication are not required by the major curriculum, then the student is not required to take either of the following courses and will, instead take 12 hours of social sciences):

SPH 1003 Introduction to Speech Communication OR

SPH 2003 Public Speaking

Social Sciences 9-12 hours (if three hours of speech communication are required by the major curriculum, the student is only required to take 9 hours of social science.)

Motion did not carry.

NEW BUSINESS

Dr. Pearson requested to step down as chair-elect for the 2007-2008 academic year. The committee agreed that a new chair would be elected at the first 2007-2008 Curriculum Committee Meeting.

Meeting adjourned at 3:25p.m.

Sincerely,

Dr. Micheal Tarver, Chair