

Curriculum Committee  
AGENDA  
Tuesday, August 19  
Chambers Private Dining Room  
Noon

- I. Call to Order
  - A. Approval of minutes for the April 29, 2008 meeting
- II. Old Business
  - A. No old business
- III. New Business
  - A. Higher Learning Commission Update – Dr. Micheal Tarver
  - B. Election of the position Chair-Elect
  - C. Election of the position Secretary
  - D. Select day and time for meetings
- VI. Adjournment

Minutes of  
Curriculum Committee  
Of  
Arkansas Tech University

The Curriculum Committee met on Tuesday, August 19, 2008, at noon in the Chambers Private Dining Room. The following members were present:

|                       |                             |
|-----------------------|-----------------------------|
| Dr. Jackie Bowman     | Ms. Shelly Daily            |
| Dr. Pam Carr          | Dr. Jackie Paxton           |
| Dr. Stanley Lombardo  | Dr. Michael Benefield       |
| Dr. Sammie Stephenson | Dr. Robert Allen            |
| Dr. Vrege Amirkhanian | Ms. Tammy Rhodes, Registrar |

Dr. Deborah Wilson and Dr. Jim Collins were absent. Dr. John Watson, Dr. Micheal Tarver, and Ms. Pat Chronister were guests.

Dr. Watson thanked the committee for their work. He distributed a draft outlining the criteria for an ad hoc General Education Committee.

Dr. Bowman called the meeting to order and asked for approval of the minutes from the April 29, 2008, meeting. Motion by Dr. Lombardo, seconded by Dr. Stephenson, to approve the minutes. Motion carried.

OLD BUSINESS:

No old business.

NEW BUSINESS:

Dr. Micheal Tarver updated the committee on the Self-Study. He explained the process started last summer with formation of committees and preparation of reports. He indicated the report draft will be circulated and open meetings will take place to discuss the draft reports. He encouraged participation in the meeting to offer discussion of issues. He suggested the committee consider adding a question on the curriculum proposal forms addressing how the proposal links to them mission.

ELECTION OF OFFICERS:

Dr. Bowman asked for nominations for the position of Chair-elect. Dr. Lombardo nominated Dr. Wilson for the position of Chair-elect. The nomination was seconded by Dr. Carr. With no other nominations, Dr. Allen called that nominations be ceased. Dr. Wilson was approved to serve as Chair-elect by acclamation.

Dr. Bowman asked for nominations for the position of Secretary. Dr. Carr nominated Dr. Stephenson. Dr. Lombardo seconded the nomination. With no other nominations, Dr. Lombardo called that nominations be ceased. Dr. Stephenson was approved to serve as secretary by acclamation.

MEETING DATE AND TIME:

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

ADJOURNMENT:

The meeting adjourned at 1:05 p.m.

Sincerely,

Ms. Tammy Rhodes, Recording Secretary

Curriculum Committee  
AGENDA  
Tuesday, September 19, 1 p.m.  
RPL 325

I. Call to Order

- A. Approval of minutes for the August 19, 2008 meeting

II. Old Business

- A. Review Curriculum Proposal Forms

III. New Business

A. Curricular Items

1. Department of Professional Studies

(a) add PS 3001, Portfolio Development for Prior Learning Assessment, to the course descriptions; and (b) add PS 4201-12, Prior Learning Assessment Credit, to the course descriptions.

2. Department of Parks, Recreation, and Hospitality Administration:

(a) add the following courses to the course descriptions:

HA 2003, Cost Controls;

HA 2023, Hospitality Supervision and Leadership;

HA 2053, Work Experience;

HA (RP) 2133, Introduction to Travel and Tourism;

HA 3143, Executive Housekeeping;

HA 4203, Hospitality Operational Problem Solving;

HA 4253, Club Management; and

HA 4983, Advanced Food Production;

(b) change the title of HA 2043, Lodging Operations, to HA 2043, Front Office Management, and modify the course description as outlined in the proposal;

(c) change the title of HA 2063, Dining Service Management, to HA 2063, Guest Services Management; modify the course description; and delete the corequisite: HA 1013, Sanitation Safety, and add the prerequisite: HA 1063, Hospitality Technology;

(d) modify the course description for HA 2913, Principles of Food Preparation, and delete the prerequisite: HA 1013, Sanitation Safety, and add the prerequisite: HA 1923, Introduction to Food and Beverage Management;

(e) modify the course description for HA 4033, Legal Aspects of Hospitality Administration, and delete the prerequisite: BUAD 2033, Legal Environment of Business;

(f) change the course number for RP 4033, Tourism Planning, to RP 3133, Tourism Planning and add cross list the course with HA;

(g) delete the following courses from the course descriptions:  
HA 3043, Work Experience (RP 3043 cross listing will remain in the course descriptions);  
HA 4043, Menu Analysis and Purchasing; and HA 4074, Quantity Food Production; and

(h) modify the Curriculum in Hospitality Administration as follows: delete the current curriculum and add the emphasis areas Lodging and Club Management Emphasis, Tourism and Event Management Emphasis, and Food and Beverage Management Emphasis as outlined in the proposal.

## VI. Adjournment

Minutes of  
Curriculum Committee  
Of  
Arkansas Tech University

The Curriculum Committee met on Friday, September 19, 2008, at 1 p.m. in the RPL 325. The following members were present:

|                       |                             |
|-----------------------|-----------------------------|
| Dr. Jackie Bowman     | Dr. Deborah Wilson          |
| Dr. Pam Carr          | Dr. Jim Collins             |
| Dr. Stanley Lombardo  | Dr. Michael Benefield       |
| Dr. Sammie Stephenson | Dr. Robert Allen            |
| Dr. Vrege Amirkhanian | Ms. Tammy Rhodes, Registrar |
| Ms. Shelly Daily      | Mr. Dustin Parsons          |
| Dr. Jackie Paxton     | Ms. Savanna Knight          |

None were absent. Dr. Mary Ann Rollans, Ms. Annette Stuckey, Dr. Theresa Herrick, Ray Moll, and Susan West were guests.

Dr. Bowman called the meeting to order and asked for approval of the minutes from the August 19, 2008, meeting. Motion by Dr. Lombardo, seconded by Dr. Amirkhanian, to approve the minutes. Motion carried.

Dr. Bowman entertained a motion to change the order for the meeting. Motion by Dr. Lombardo, seconded by Ms. Rhodes, to allow the curricular items to be considered before the old business. Motion carried.

#### NEW BUSINESS:

##### Curricular Items

##### 1. Department of Professional Studies

Motion by Dr. Wilson, seconded by Dr. Stephenson, to approve the proposal from the Department of Professional Studies, as follows: (a) add PS 3001, Portfolio Development for Prior Learning Assessment, to the course descriptions; and (b) add PS 4201-12, Prior Learning Assessment Credit, to the course descriptions. Motion carried.

##### 2. Department of Parks, Recreation, and Hospitality Administration:

Motion by Dr. Wilson, seconded by Dr. Lombardo, to consider the proposals from the Department of Parks, Recreation, and Hospitality Administration, in one motion. Motion carried.

Motion by Dr. Amirkhanian, seconded by Dr. Collins, to approve the proposal from the Department of Parks, Recreation, and Hospitality Administration, as follows:

(a) add the following courses to the course descriptions:

HA 2003, Cost Controls;

HA 2023, Hospitality Supervision and Leadership;

HA 2053, Work Experience (not new course-renumber from HA 3043);

HA (RP) 2133, Introduction to Travel and Tourism;

HA 3143, Executive Housekeeping;

HA 4203, Hospitality Operational Problem Solving;

HA 4253, Club Management; and  
HA 4983, Advanced Food Production (not new course-renumber and rename HA 4074);

(b) change the title of HA 2043, Lodging Operations, to HA 2043, Front Office Management, and modify the course description as outlined in the proposal;

(c) change the title of HA 2063, Dining Service Management, to HA 2063, Guest Services Management; modify the course description; and delete the co-requisite: HA 1013, Sanitation Safety, and add the prerequisite: HA 1063, Hospitality Technology;

(d) modify the course description for HA 2913, Principles of Food Preparation, and delete the prerequisite: HA 1013, Sanitation Safety, and add the prerequisite: HA 1923, Introduction to Food and Beverage Management;

(e) modify the course description for HA 4033, Legal Aspects of Hospitality Administration, and delete the prerequisite: BUAD 2033, Legal Environment of Business;

(f) change the course number for RP 4033, Tourism Planning, to RP 3133, Tourism Planning and add cross list the course with HA;

(g) delete the following courses from the course descriptions:  
HA 3043, Work Experience (RP 3043 cross listing will remain in the course descriptions);  
HA 4043, Menu Analysis and Purchasing; and HA 4074, Quantity Food Production; and

(h) modify the Curriculum in Hospitality Administration as follows: delete the current curriculum and add the emphasis areas Lodging and Club Management Emphasis, Tourism and Event Management Emphasis, and Food and Beverage Management Emphasis as outlined in the proposal.

Motion carried.

OLD BUSINESS:

Ms. Rhodes distributed proposed curriculum forms. Motion by Dr. Wilson, seconded by Dr. Collins, to approve the forms as presented. Motion carried.

ANNOUNCEMENTS:

Ms. Rhodes reminded the committee that curriculum proposals were due on October 1<sup>st</sup>, and the next meeting would be on Friday, October 24, at 1 p.m. in RPL 325.

ADJOURNMENT:

The meeting adjourned at 1:40 p.m.

Sincerely,

Ms. Tammy Rhodes, Recording Secretary

**AGENDA**  
**CURRICULUM COMMITTEE**

Friday, October 24, 2008  
1:00 p.m., RPL 325

- I. Call to Order
  - A. Approval of the minutes of the September 19, 2008, meeting
  
- II. New Business
  - A. Curricular Items
    - 1. Undergraduate Research
      - (a) add EAM and PS 4951-4, Undergraduate Research, to the course descriptions; add ANTH, ART, CJ, ENGL, FR, GEOG, GER, HIST, JOUR, MUSM, MUS, PHIL, POLS, PSY, RS, SOC, SPAN, SPH, and TH 4951-4, Undergraduate Research, to the course descriptions; add AGBU, COMS, ELEG, HA, MATH, and RP 4951-4, Undergraduate Research, to the course descriptions; and add BIOL, CHEM, FW, GEOL, HIM, NUR, and PHYS 4951-4, Undergraduate Research, to the course descriptions.
    - 2. Department of Social Sciences and Philosophy
      - (a) add HIST 3803, History of the Middle East, to the course descriptions;
      - (b) change the title for HIST 3603, The Modern Far East, to HIST 3603, History of Modern East Asia, and modify the course description;
      - (c) modify the course description for PHIL 2003, Introduction to Philosophy;
      - (d) add the cross-listing of PHIL to POLS 3253, Classical Political Thought;
      - (e) delete PHIL 4053, Social Philosophy, from the course descriptions; and
      - (f) add PHIL 3253, Classical Political Thought, to the list of course options for the Minor in Philosophy.
    - 3. Department of Speech, Theatre and Journalism
      - (a) modify the prerequisite for JOUR (ART) 4163, Advanced Photography and Video, from prerequisite: JOUR (ART) 1163, Basic Photography, or JOUR 3163, News Photography, or consent of instructor, to JOUR (ART) 1163, Basic Photography, or consent of instructor, and modify the course description.
    - 4. Department of Agriculture
      - (a) change the title for AGPS 1003, Principles of Crop Science, to AGPS 1003, Introduction to Agronomy; and modify the course description; and
      - (b) modify the Curriculum in Agriculture Business Horticulture Option as follows: delete BIOL 4044, Dendrology, and add AGPM 3104, Introduction to Entomology, OR AGPS 3053, Weed Ecology, and AGBU 4991, Special Problems in Agriculture.
    - 5. Department of Computer and Information Science (b – y: one proposal)
      - (a) add COMS 4710, Heterogeneous Networks Lab, to the course descriptions;
      - (b) modify the course description for COMS 1003, Introduction to Computer Based Systems;
      - (c) add the prerequisite: COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, to COMS 1333, Web Publishing I, and modify the course description;



- (d) modify the prerequisite for COMS 2003, Microcomputer Applications, as follows: change prerequisite: COMS 1003, Introduction to Computer Based Systems, or pass entrance exam, to prerequisite: COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, and modify the course description;
- (e) modify the prerequisite for COMS 2104, Foundations of Computer Programming I, as follows: change prerequisite: COMS 1403, Orientation to Computing, Information, and Technology; COMS 1411, Computer and Information Science Lab; or consent of instructor; and corequisite: MATH 1113, College Algebra, to prerequisite: either COMS 1403, Orientation to Computing, Information, and Technology; and COMS 1411, Computer and Information Science Lab; or consent of instructor; and prerequisite: MATH 1113, College Algebra; and modify the course description;
- (f) modify the course description for COMS 2203, Foundations of Computer Programming II;
- (g) modify the prerequisite for COMS 2213, Data Structures, as follows: change prerequisite: COMS 2203, Foundations of Computer Programming II, and either COMS 2903, Discrete Structures for Technical Majors, or MATH 2703, Discrete Mathematics, to prerequisite: COMS 2203, Foundations of Computer Programming II, and COMS 2903, Discrete Structures for Technical Majors;
- (h) modify the prerequisite for COMS 2223, Computer Organization and Programming, as follows: prerequisite: COMS 2203, Foundations of Computer Programming II, and ENGR 2134, Digital Logic Design, to prerequisite: COMS 2203, Foundations of Computer Programming II, and ELEG 2134, Digital Logic Design;
- (i) modify the course description for COMS 2803, Programming in C;
- (j) change the title of COMS 2853, File Processing in COBOL, to Business Application Programming using COBOL, and modify the course description;
- (k) modify the prerequisite for COMS 3603, Principles of Management Science, as follows: prerequisite: MATH 4003, Linear Algebra I, or equivalent, to prerequisite: BUAD 2053, Business Statistics, and junior standing, and modify the course description;
- (l) add the prerequisite: COMS 2703, Computer and Networks and Architecture, and junior standing, to COMS 3903, Systems Software and Architecture, and modify the course description;
- (m) change the title for COMS 4013, Operations Research, to COMS 4013, Quality Management in Information Technology; change the prerequisite: MATH 3153, Applied Statistics I, as follows: prerequisite: BUAD 2053, Business Statistics, and COMS 4203, Database Concepts; and modify the course description;
- (n) change the co-requisite for COMS 4033, Systems Analysis and Design I, from co-requisite: COMS 4203, Database Concepts, to prerequisite: COMS 4203, Database Concepts; and modify the course description;
- (o) change the prerequisite for COMS 4043, Systems Analysis and Design II, from prerequisite: COMS 4033, Systems Analysis and Design I, and COMS 4133, Application Program Development, to prerequisites: COMS 4033, Systems Analysis and Design I, and either COMS 4133, Application Program Development, COMS 4163, Personal Software Engineering, or COMS 4313, Web Server Administration; and modify the course description;
- (p) change the prerequisite for COMS 4053, Information Systems Resource Management, from prerequisite: COMS 3803, Computer Applications in Accounting and Business, and junior standing in information science or business, to

prerequisite: junior standing in information systems, information technology, or computer science; and modify the course description;

(q) add the prerequisite: junior standing in information technology, information systems, or computer science, to COMS 4063, IT Project Administration; and modify the course description;

(r) change the prerequisite for COMS 4103, Organization of Programming Languages, from prerequisite: COMS 2213, Data Structures; COMS 2223, Computer Organization and Programming, or COMS 3903, Systems Software and Architecture, to prerequisites: COMS 2213, Data Structures, and COMS 2223, Computer Organization and Programming;

(s) modify the course description for COMS 4133, Application Program Development;

(t) add the prerequisite: COMS 3213, Advanced Data Structures and Algorithm Design, to COMS 4163, Personal Software Engineering;

(u) modify the prerequisite for COMS 4603, System Programming, from COMS 4033, Systems Analysis and Design I, and COMS 3703, Operating Systems, or COMS 3903, Systems Software and Architecture, to prerequisites: COMS 2213, Data Structures, and either COMS 3703, Operating Systems, or COMS 3903, Systems Software and Architecture;

(v) change the title for COMS 4700, Networking Laboratory, to COMS 4700, Data Communications and Networks Lab; change the co-requisite from upper-level networking course, to co-requisite: COMS 4703, Data Communications and Networks; and modify the course description;

(w) modify the co-requisite for COMS 4713, Heterogeneous Networks, from co-requisite: COMS 4700, Networking Laboratory, to co-requisite: COMS 4710, Heterogeneous Networks Lab; and modify the course description;

(x) change the title for COMS 4981-3, Seminar in Computer Science, to COMS 4981-3, Seminar in Computer and Information Science; and modify the course description;

(y) change the title for COMS 4991-4, Special Problems in Computer Science, to COMS 4991-4, Special Problems in Computer and Information Science; and modify the course description;

(z) modify the Curriculum in Information Systems as follows: replace three hour Elective 3000-4000 with COMS 3053, Implications of Technology on Society;

(aa) modify the Curriculum in Computer Science as follows: delete BUAD 1003, Introduction to Business Systems, and three hours Elective 3000-4000; add Management Elective and COMS 3053, Implications of Technology on Society; and add footnote; and

(ab) modify the Curriculum in Information Technology as follows: replace three hours of social science with ECON 2003, Principles of Economics I, and add COMS 4710, Heterogeneous Networks Lab.

6. Department of Electrical Engineering

(a) modify the prerequisite and co-requisite for ELEG 3131, Electronics Laboratory, from prerequisite: ELEG 2111, Electric Circuits Laboratory, and co-requisite: ELEG 3103, Electronics I, to prerequisite: ELEG 2111, Electric Circuits Laboratory, and ELEG 3103, Electronics I;

- (b) modify the co-requisite for ELEG 3143, Electromagnetics, from co-requisite: ELEG 3123, Signals and Systems, to prerequisite or co-requisite: ELEG 3123, Signals and Systems;
  - (c) modify the prerequisite for ELEG 4113, Digital Signal Processing, from prerequisite: ELEG 3123, Signals and Systems, and ELEG 3133, Microprocessor Systems Design, to prerequisite: ELEG 3123, Signals and Systems;
  - (d) modify the course description for ELEG 4133, Advanced Digital Design; and
  - (e) add a Computer Engineering Option to the Curriculum in Electrical Engineering.
7. Department of Recreation, Parks, and Hospitality (a – c: one proposal)
- (a) add the Associate of Science Degree in Culinary;
  - (b) add the following courses to the course descriptions:
    - CUL 2903, Garde Manger;
    - CUL 2923, Sauces, Stocks, and Soups;
    - CUL 2933, Advanced Food Preparations;
    - CUL 2943, Introduction to Baking and Pastry; and
    - CUL 2996, Externship;
  - (c) add the Culinary cross-listing to the following Hospitality courses:
    - CUL (HA) 1013, Sanitation Safety;
    - CUL (HA) 1923, Introduction to Food and Beverage Management;
    - CUL (HA) 2003, Cost Controls;
    - CUL (HA) 2023, Hospitality Supervision and Leadership;
    - CUL (HA) 2053, Work Experience;
    - CUL (HA) 2063, Guest Services Management;
    - CUL (HA) 2813, Basic Human Nutrition in Hospitality Administration; and
    - CUL (HA) 2913, Principles of Food Preparations;
  - (d) modify the title for RP 1031, Introduction to Mountain Biking, to RP 1031, Introduction to Cycling, and modify the course description; and
  - (e) modify the course description for RP 4042, Field Seminar in Interpretive Methods.

### III. Adjournment

Minutes of  
Curriculum Committee  
Of  
Arkansas Tech University

The Curriculum Committee met on Friday, October 24, 2008, at 1 p.m. in the RPL 325. The following members were present:

Dr. Jackie Bowman  
Dr. Pam Carr  
Dr. Stanley Lombardo  
Dr. Sammie Stephenson  
Dr. Vrege Amirghanian  
Ms. Shelly Daily  
Dr. Jackie Paxton

Dr. Deborah Wilson  
Dr. Jim Collins  
Dr. Michael Benefield  
Dr. Robert Allen  
Ms. Tammy Rhodes, Registrar  
Mr. Dustin Parsons  
Ms. Savanna Knight

None were absent.

Dr. Theresa Herrick, Dr. Brenda Montgomery, Mr. Ron Nelson, Dr. Jeff Mitchell, and Dr. Donna Vocate were guests.

Dr. Bowman called the meeting to order and asked for approval of the minutes from the September 19, 2008, meeting. Motion by Ms. Knight, seconded by Dr. Lombardo, to approve the minutes. Motion carried.

Motion by Dr. Collins, seconded by Dr. Paxton, to allow the curricular items to be considered by department. Motion carried.

#### NEW BUSINESS:

#### Curricular Items

##### 1. Undergraduate Research

Motion by Dr. Allen, seconded by Dr. Wilson, to approve the proposal as follows:

(a) add EAM and PS 4951-4, Undergraduate Research, to the course descriptions; add ANTH, ART, CJ, ENGL, FR, GEOG, GER, HIST, JOUR, MUSM, MUS, PHIL, POLS, PSY, RS, SOC, SPAN, SPH, and TH 4951-4, Undergraduate Research, to the course descriptions; add AGBU, COMS, ELEG, HA, MATH, and RP 4951-4, Undergraduate Research, to the course descriptions; and add BIOL, CHEM, FW, GEOL, HIM, NUR, and PHYS 4951-4, Undergraduate Research, to the course descriptions.  
Motion carried.

##### 2. Department of Social Sciences and Philosophy

Motion by Dr. Carr, seconded by Dr. Allen, to approve the proposal as follows:

(a) add HIST 3803, History of the Middle East, to the course descriptions;  
(b) change the title for HIST 3603, The Modern Far East, to HIST 3603, History of Modern East Asia, and modify the course description;  
(c) modify the course description for PHIL 2003, Introduction to Philosophy;  
(d) add the cross-listing of PHIL to POLS 3253, Classical Political Thought;  
(e) delete PHIL 4053, Social Philosophy, from the course descriptions; and  
(f) add PHIL 3253, Classical Political Thought, to the list of course options for the Minor in Philosophy.  
Motion carried.

##### 3. Department of Speech, Theatre and Journalism

Motion by Ms. Knight, seconded by Dr. Wilson, to approve the proposal as follows:

(a) modify the prerequisite for JOUR (ART) 4163, Advanced Photography and

Video, from prerequisite: JOUR (ART) 1163, Basic Photography, or JOUR 3163, News Photography, or consent of instructor, to JOUR (ART) 1163, Basic Photography, or consent of instructor, and modify the course description. Motion carried.

#### 4. Department of Agriculture

Motion by Mr. Parsons, seconded by Dr. Amirkhani, to approve the proposal as follows:

- (a) change the title for AGPS 1003, Principles of Crop Science, to AGPS 1003, Introduction to Agronomy; and modify the course description; and
  - (b) modify the Curriculum in Agriculture Business Horticulture Option as follows: delete BIOL 4044, Dendrology, and add AGPM 3104, Introduction to Entomology, OR AGPS 3053, Weed Ecology, and AGBU 4991, Special Problems in Agriculture.
- Motion carried.

#### 5. Department of Computer and Information Science (b – y: one proposal)

Motion by Dr. Wilson, seconded by Mr. Parsons, to approve the proposal as follows:

- (a) add COMS 4710, Heterogeneous Networks Lab, to the course descriptions;
- (b) modify the course description for COMS 1003, Introduction to Computer Based Systems;
- (c) add the prerequisite: COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, to COMS 1333, Web Publishing I, and modify the course description;
- (d) modify the prerequisite for COMS 2003, Microcomputer Applications, as follows: change prerequisite: COMS 1003, Introduction to Computer Based Systems, or pass entrance exam, to prerequisite: COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, and modify the course description;
- (e) modify the prerequisite for COMS 2104, Foundations of Computer Programming I, as follows: change prerequisite: COMS 1403, Orientation to Computing, Information, and Technology; COMS 1411, Computer and Information Science Lab; or consent of instructor; and corequisite: MATH 1113, College Algebra, to prerequisite: either COMS 1403, Orientation to Computing, Information, and Technology; and COMS 1411, Computer and Information Science Lab; or consent of instructor; and prerequisite: MATH 1113, College Algebra; and modify the course description;
- (f) modify the course description for COMS 2203, Foundations of Computer Programming II;
- (g) modify the prerequisite for COMS 2213, Data Structures, as follows: change prerequisite: COMS 2203, Foundations of Computer Programming II, and either COMS 2903, Discrete Structures for Technical Majors, or MATH 2703, Discrete Mathematics, to prerequisite: COMS 2203, Foundations of Computer Programming II, and COMS 2903, Discrete Structures for Technical Majors;
- (h) modify the prerequisite for COMS 2223, Computer Organization and Programming, as follows: prerequisite: COMS 2203, Foundations of Computer Programming II, and ENGR 2134, Digital Logic Design, to prerequisite: COMS 2203, Foundations of Computer Programming II, and ELEG 2134, Digital Logic Design;
- (i) modify the course description for COMS 2803, Programming in C;
- (j) change the title of COMS 2853, File Processing in COBOL, to Business Application Programming using COBOL, and modify the course description;
- (k) modify the prerequisite for COMS 3603, Principles of Management Science, as follows: prerequisite: MATH 4003, Linear Algebra I, or equivalent, to prerequisite: BUAD 2053, Business Statistics, and junior standing, and modify the course description;
- (l) add the prerequisite: COMS 2703, Computer and Networks and Architecture, and junior standing, to COMS 3903, Systems Software and Architecture, and modify the course description;
- (m) change the title for COMS 4013, Operations Research, to COMS 4013, Quality Management in Information Technology; change the prerequisite: MATH 3153, Applied Statistics I, as follows: prerequisite: BUAD 2053, Business Statistics, and COMS 4203, Database Concepts; and modify the course description;
- (n) change the co-requisite for COMS 4033, Systems Analysis and Design I, from co-requisite: COMS 4203, Database Concepts, to prerequisite: COMS 4203, Database Concepts; and modify the course description;
- (o) change the prerequisite for COMS 4043, Systems Analysis and Design II, from prerequisite: COMS 4033, Systems Analysis and Design I, and COMS 4133, Application Program Development, to prerequisites: COMS 4033, Systems Analysis and Design I, and either COMS 4133, Application Program Development, COMS 4163, Personal Software Engineering, or COMS 4313, Web Server Administration; and modify the course description;
- (p) change the prerequisite for COMS 4053, Information Systems Resource Management, from prerequisite: COMS 3803, Computer Applications in Accounting and Business, and junior standing in information science or business, to prerequisite: junior standing in information systems, information technology, or computer science; and modify the course description;
- (q) add the prerequisite: junior standing in information technology, information systems, or computer science, to COMS 4063, IT Project Administration; and modify the course description;

- (r) change the prerequisite for COMS 4103, Organization of Programming Languages, from prerequisite: COMS 2213, Data Structures; COMS 2223, Computer Organization and Programming, or COMS 3903, Systems Software and Architecture, to prerequisites: COMS 2213, Data Structures, and COMS 2223, Computer Organization and Programming;
  - (s) modify the course description for COMS 4133, Application Program Development;
  - (t) add the prerequisite: COMS 3213, Advanced Data Structures and Algorithm Design, to COMS 4163, Personal Software Engineering;
  - (u) modify the prerequisite for COMS 4603, System Programming, from COMS 4033, Systems Analysis and Design I, and COMS 3703, Operating Systems, or COMS 3903, Systems Software and Architecture, to prerequisites: COMS 2213, Data Structures, and either COMS 3703, Operating Systems, or COMS 3903, Systems Software and Architecture;
  - (v) change the title for COMS 4700, Networking Laboratory, to COMS 4700, Data Communications and Networks Lab; change the co-requisite from upper-level networking course, to co-requisite: COMS 4703, Data Communications and Networks; and modify the course description;
  - (w) modify the co-requisite for COMS 4713, Heterogeneous Networks, from co-requisite: COMS 4700, Networking Laboratory, to co-requisite: COMS 4710, Heterogeneous Networks Lab; and modify the course description;
  - (x) change the title for COMS 4981-3, Seminar in Computer Science, to COMS 4981-3, Seminar in Computer and Information Science; and modify the course description;
  - (y) change the title for COMS 4991-4, Special Problems in Computer Science, to COMS 4991-4, Special Problems in Computer and Information Science; and modify the course description;
  - (z) modify the Curriculum in Information Systems as follows: replace three hour Elective 3000-4000 with COMS 3053, Implications of Technology on Society;
  - (aa) modify the Curriculum in Computer Science as follows: delete BUAD 1003, Introduction to Business Systems, and three hours Elective 3000-4000; add Management Elective and COMS 3053, Implications of Technology on Society; and add footnote; and
  - (ab) modify the Curriculum in Information Technology as follows: replace three hours of social science with ECON 2003, Principles of Economics I, and add COMS 4710, Heterogeneous Networks Lab.
- Motion carried.

## 6. Department of Electrical Engineering

Motion by Dr. Wilson, seconded by Dr. Lombardo to consider proposal items a through d and then consider item e. Motion carried.

Motion by Dr. Allen, seconded by Dr. Lombardo, to approve the proposal as follows:

- (a) modify the prerequisite and co-requisite for ELEG 3131, Electronics Laboratory, from prerequisite: ELEG 2111, Electric Circuits Laboratory, and co-requisite: ELEG 3103, Electronics I, to prerequisite: ELEG 2111, Electric Circuits Laboratory, and ELEG 3103, Electronics I;
  - (b) modify the co-requisite for ELEG 3143, Electromagnetics, from co-requisite: ELEG 3123, Signals and Systems, to prerequisite or co-requisite: ELEG 3123, Signals and Systems;
  - (c) modify the prerequisite for ELEG 4113, Digital Signal Processing, from prerequisite: ELEG 3123, Signals and Systems, and ELEG 3133, Microprocessor Systems Design, to prerequisite: ELEG 3123, Signals and Systems;
  - (d) modify the course description for ELEG 4133, Advanced Digital Design; and
- Motion carried.

Motion by Dr. Wilson, seconded by Dr. Lombardo, to approve the proposal as follows:

- (e) add a Computer Engineering Option to the Curriculum in Electrical Engineering.
- Motion carried.

## 7. Department of Recreation, Parks, and Hospitality (a – c: one proposal)

Motion by Dr. Lombardo, seconded by Dr. Wilson, to consider proposal items a through c and then consider items d and e. Motion carried.

Motion by Dr. Lombardo, seconded by Dr. Wilson, to approve the proposal as follows:

- (a) add the Associate of Science Degree in Culinary;
- (b) add the following courses to the course descriptions:  
 CUL 2903, Garde Manger;  
 CUL 2923, Sauces, Stocks, and Soups;  
 CUL 2933, Advanced Food Preparations;  
 CUL 2943, Introduction to Baking and Pastry; and

CUL 2996, Externship;

(c) add the Culinary cross-listing to the following Hospitality courses:

CUL (HA) 1013, Sanitation Safety;

CUL (HA) 1923, Introduction to Food and Beverage Management;

CUL (HA) 2003, Cost Controls;

CUL (HA) 2023, Hospitality Supervision and Leadership;

CUL (HA) 2053, Work Experience;

CUL (HA) 2063, Guest Services Management;

CUL (HA) 2813, Basic Human Nutrition in Hospitality Administration; and

CUL (HA) 2913, Principles of Food Preparations;

Motion carried.

Motion by Dr. Lombardo, seconded by Dr. Collins, to approve the proposal as follows:

(d) modify the title for RP 1031, Introduction to Mountain Biking, to RP 1031, Introduction to Cycling, and modify the course description; and

(e) modify the course description for RP 4042, Field Seminar in Interpretive Methods.

Motion carried.

ADJOURNMENT:

The meeting adjourned at 1:50 p.m.

Sincerely,

Ms. Tammy Rhodes, Recording Secretary

**AGENDA**  
**CURRICULUM COMMITTEE**

Friday, November 14, 2008  
1:00 p.m., RPL 325

I. Call to Order

- A. Approval of the minutes of the October 24, 2008, meeting

II. New Business

A. Curricular Items

1. Department of Curriculum and Instruction

(a) Delete SEED 3554, Adolescent Development and Exceptionalities, from the course descriptions and secondary education curricula; add SEED 3552, Adolescent Development, and SEED 4052, Adolescent Exceptionalities, to the course descriptions and the following curricula: Curriculum in Art for Teacher Licensure; Curriculum in Business Education for Teacher Licensure; Curriculum in Creative Writing for Teacher Licensure; Curriculum in English for Teacher Licensure; Curriculum in Foreign Language with Concentration in French for Teacher Licensure; Curriculum in Foreign Language with Concentration in German for Teacher Licensure; Curriculum in Foreign Language with Concentration in Spanish for Teacher Licensure; Curriculum in History and Political Science for Teacher Licensure; Curriculum in Mathematics for Teacher Licensure; Curriculum in Music Education for Teacher Licensure (Instrumental Music Option); Curriculum in Music Education for Teacher Licensure (Vocal Music Option); Curriculum in Music Education for Teacher Licensure (Keyboard Vocal Music Option); Curriculum in Music Education for Teacher Licensure (Keyboard Instrumental Music Option); Curriculum in Life Science and Earth Science for Teacher Licensure; Curriculum in Physical Science and Earth Science for Teacher Licensure; Curriculum in Speech for Teacher Licensure; and Curriculum in Health and Physical Education including Teacher Licensure Requirements.

2. Department of Art

(a) add ART 3243, Web Design, to the course descriptions;  
(b) add ART 3253, Computer Illustration, to the course descriptions;  
(c) add ART 4133, Art History, Native American, to the course descriptions;  
(d) add ART 4143, Art History, Latin American, to the course descriptions;  
(e) add ART 4623, Animation Techniques, to the course descriptions;  
(f) modify the course description for ART 4243, Professional Portfolio Preparation for Graphic Designers;  
(g) modify the course description for ART 4703, Senior Project and Exhibition;  
(h) modify the prerequisites for ART 4823, Art Criticism and Aesthetics, from prerequisites: Sophomore Review, ART 3013, Art Education Practicum, and ART 3003, Concepts in Art Education or permission of instructor, to prerequisites: Sophomore Review, ART 2103, Art History I and/or ART 2113, Art History II, and modify the course description; and

(i) modify the Curriculum in Graphic Design as follows: delete three hours of Elective and add three hours of Art Elective with the footnote 5 as follows: choose:



ART 3253, ART 3303, or ART 4233; delete three hours of Art Elective and add ART 3243, Web Design; and delete three hours Elective and add ART 4623, Animation Techniques.

3. Department of Biological Sciences

(a) modify the prerequisite for BIOL 1114, Principles in Biology, from prerequisite: scores of 19 or higher on the reading and science reasoning portions of the enhanced ACT; or a grade of “C” or high in a science course; or approval of the instructor; to prerequisite: scores of 19 or higher on the reading, science reasoning, and mathematics portion of the enhanced ACT or completion of MATH 0903, Intermediate Algebra, with a grade of “C” or higher, or a grade of “C” or higher in a science course;

(b) change BIOL 4116, Biology Internship, to BIOL 4112 and BIOL 4114;

(c) add HIM/AHS 2033, Coding Principles for Medical Office, to the course descriptions;

(d) change the course number for HIM 3024, Introduction to Health Information Management, to HIM 3023, Introduction to Health Information Management; change the course number for HIM 4033, Advanced Coding Principles, to HIM 4034, Advanced Coding Principles, and add a \$10 lab fee; and modify the Curriculum in Health Information Management as follows: (1) delete HIM 3033, Basic Coding Principles; (2) add HIM 2033, Coding Principles for Medical Office; (3) replace HIM 3024, Introduction to Health Information Management, with HIM 3023, Introduction to Health Information Management; and (4) replace HIM 4033, Advanced Coding Principles, with HIM 4034, Advanced Coding Principles; and

(e) delete HIM 2003, Fundamentals of Medical Transcription, from the course descriptions;

(f) delete HIM 3003, Advanced Medical Transcription, from the course descriptions;

(g) delete the Certificate Program in Medical Transcription.

4. Department of Physical Sciences

(a) add CHEM 3423, Descriptive Inorganic Chemistry, to the course descriptions;

(b) add GEOL 3174, Computer Applications in Geology, to the course descriptions with a \$20 course fee;

(c) add PHSC 1011, Orientation to Physical Science II, to the course descriptions, and add to all majors in the Physical Science Department; (THIS WILL ADD ONE HOUR TO ALL PHYSICAL SCIENCE CURRICULUM.)

(d) modify the course descriptions for PHSC 1001, Orientation to Physical Science;

(f) modify the course description for PHSC 1013, Introduction to Physical Science;

(g) add the following statement to the course description for PHSC (BIOL) 3213, Science Education in the Elementary School: Note: To enroll in an internet section (TC1 or AT1) of this course, one of these prerequisite courses is required: COMS 1003, EDMD 3013, or equivalent;

(h) modify the Curriculum in Chemistry General Option and Curriculum in Chemistry Biochemistry Option, as follows: replace three hours of Elective with CHEM 3423, Descriptive Inorganic Chemistry; and

(i) modify the Curriculum in Physical Science and Earth Science for Teacher Licensure, as follows: add the co-requisite laboratory to the option for the entry level physics courses and modify the entry level physics courses as follows: PHYS

2014, Physical Principles I, or PHYS 2114, General Physics I, and PHYS 2000, Physics Laboratory I; and PHYS 2024, Physical Principles II, or PHYS 2124, General Physics II, and PHYS 2010, Physics Laboratory II.

5. Department of Mathematics

- (a) add MATH 4343(5343), Introduction to Partial Differential Equations, to the course descriptions (graduate course to be considered by Graduate Council);
- (b) modify the prerequisite for MATH 3033, Methods of Teaching Elementary Mathematics, from prerequisite: MATH 2043, Mathematical Concepts II, to prerequisite: MATH 2043, Mathematical Concepts II, and admission to Stage II;
- (c) modify the co-requisite for MATH 3243, Differential Equations I, from co-requisite: MATH 2934, Calculus III, to prerequisite: MATH 2924, Calculus II;
- (d) modify the Curriculum in Mathematics, as follows: change the computer science requirement from COMS 2104, Foundations of Computer Programming I, to COMS 2803, Programming in C, and one hour elective, or COMS 2104, Foundations of Computer Programming I; and
- (e) modify the Curriculum in Mathematics for Teacher Licensure, as follows: change the computer science requirement from COMS 2104, Foundations of Computer Programming I, to COMS 2803, Programming in C, and one hour elective, or COMS 2104, Foundations of Computer Programming I.

III. Adjournment

Minutes of  
Curriculum Committee  
Of  
Arkansas Tech University

The Curriculum Committee met on Friday, November 14, 2008, at 1 p.m. in the RPL 325. The following members were present:

|                       |                             |
|-----------------------|-----------------------------|
| Dr. Jackie Bowman     | Dr. Deborah Wilson          |
| Dr. Pam Carr          | Dr. Jim Collins             |
| Dr. Stanley Lombardo  | Dr. Robert Allen            |
| Dr. Sammie Stephenson | Ms. Tammy Rhodes, Registrar |
| Dr. Vrege Amirghanian | Mr. Dustin Parsons          |
| Ms. Shelly Daily      | Dr. Jackie Paxton           |

Dr. Michael Benefield and Ms. Savanna Knight were absent.

Dr. David Bell, Dr. Lyn Brands, Mr. Edwin Cuenca, Dr. Dr. Charlie Gagen, Dr. Jeff Robertson, Dr. James Musser, Dr. Gavin Jones, and Dr. Linda Kondrick were guests.

Dr. Bowman called the meeting to order and asked for approval of the minutes from the, October 24, 2008, meeting. Motion by Mr. Parsons, seconded by Dr. Lombardo, to approve the minutes. Motion carried.

Dr. Bowman indicated that Dr. Gagen would be late for the meeting and requested a change in order of the agenda. Motion by Mr. Parsons, seconded by Dr. Lombardo, to move the proposals from the Department of Biological Science to the end of the agenda since Dr. Gagen would be at the meeting after class. Motion carried.

Motion by Dr. Collins, seconded by Dr. Amirghanian, to allow the curricular items to be considered by department. Motion carried.

#### NEW BUSINESS:

#### Curricular Items

1. Department of Curriculum and Instruction

Motion by Dr. Paxton, seconded by Mr. Parsons, to approve the following proposals:

(a) Delete SEED 3554, Adolescent Development and Exceptionalities, from the course descriptions and secondary education curricula; add SEED 3552, Adolescent Development, and SEED 4052, Adolescent Exceptionalities, to the course descriptions and the following curricula: Curriculum in Art for Teacher Licensure; Curriculum in Business Education for Teacher Licensure; Curriculum in Creative Writing for Teacher Licensure; Curriculum in English for Teacher Licensure; Curriculum in Foreign Language with Concentration in French for Teacher Licensure; Curriculum in Foreign Language with Concentration in German for Teacher Licensure; Curriculum in Foreign Language with Concentration in Spanish for Teacher Licensure; Curriculum in History and Political Science for Teacher Licensure; Curriculum in Mathematics for Teacher Licensure; Curriculum in Music Education for Teacher Licensure (Instrumental Music Option); Curriculum in Music Education for Teacher Licensure (Vocal Music Option); Curriculum in Music Education for Teacher Licensure (Keyboard Vocal Music Option); Curriculum in Music Education for Teacher Licensure (Keyboard Instrumental Music Option); Curriculum in Life Science and Earth Science for Teacher Licensure; Curriculum in Physical Science and Earth Science for Teacher Licensure; Curriculum in Speech for Teacher Licensure; and Curriculum in Health and Physical Education including Teacher Licensure Requirements.

Motion carried.

2. Department of Art

Motion by Dr. Paxton, seconded by Mr. Parsons, to approve the following proposals:

- (a) add ART 3243, Web Design, to the course descriptions;
- (b) add ART 3253, Computer Illustration, to the course descriptions;
- (c) add ART 4133, Art History, Native American, to the course descriptions;
- (d) add ART 4143, Art History, Latin American, to the course descriptions;
- (e) add ART 4623, Animation Techniques, to the course descriptions;
- (f) modify the course description for ART 4243, Professional Portfolio Preparation for Graphic Designers
- (g) modify the course description for ART 4703, Senior Project and Exhibition;
- (h) modify the prerequisites for ART 4823, Art Criticism and Aesthetics, from prerequisites: Sophomore Review, ART 3013, Art Education Practicum, and ART 3003, Concepts in Art Education or permission of instructor, to prerequisites: Sophomore Review, ART 2103, Art History I and/or ART 2113, Art History II, and modify the course description; and
- (i) modify the Curriculum in Graphic Design as follows: delete three hours of Elective and add three hours of Art Elective with the footnote 5 as follows: choose: ART 3253, ART 3303, or ART 4233; delete three hours of Art Elective and add ART 3243, Web Design; and delete three hours Elective and add ART 4623, Animation Techniques.

Motion carried.

### 3. Department of Biological Sciences

Motion by Mr. Parsons, seconded by Dr. Lombardo, to consider proposal A – F and then G. Motion carried.

Motion by Mr. Parsons, seconded by Dr. Allen, to approve the following proposals:

- (a) modify the prerequisite for BIOL 1114, Principles in Biology, from prerequisite: scores of 19 or higher on the reading and science reasoning portions of the enhanced ACT; or a grade of “C” or high in a science course; or approval of the instructor; to prerequisite: scores of 19 or higher on the reading, science reasoning, and mathematics portion of the enhanced ACT or completion of MATH 0903, Intermediate Algebra, with a grade of “C” or higher, or a grade of “C” or higher in a science course;
- (b) change BIOL 4116, Biology Internship, to BIOL 4112 and BIOL 4114;
- (c) add HIM/AHS 2033, Coding Principles for Medical Office, to the course descriptions;
- (d) change the course number for HIM 3024, Introduction to Health Information Management, to HIM 3023, Introduction to Health Information Management; change the course number for HIM 4033, Advanced Coding Principles, to HIM 4034, Advanced Coding Principles, and add a \$10 lab fee; and modify the Curriculum in Medical Assistant as follows: (1) delete HIM 3033, Basic Coding Principles; (2) add HIM 2033, Coding Principles for Medical Office; modify the Curriculum in Health Information Management as follows (1) replace HIM 3024, Introduction to Health Information Management, with HIM 3023, Introduction to Health Information Management; and (2) replace HIM 4033, Advanced Coding Principles, with HIM 4034, Advanced Coding Principles; and
- (e) delete HIM 2003, Fundamentals of Medical Transcription, from the course descriptions; and
- (f) delete HIM 3003, Advanced Medical Transcription, from the course descriptions.

Motion carried.

Motion by Dr. Carr, seconded by Dr. Amir Khanian, to approve the following proposal:

- (g) delete the Certificate Program in Medical Transcription.

Motion carried.

### 4. Department of Physical Sciences

Motion by Dr. Wilson, seconded by Mr. Parsons, to approve the following proposals:

- (a) add CHEM 3423, Descriptive Inorganic Chemistry, to the course descriptions;
- (b) add GEOL 3174, Computer Applications in Geology, to the course descriptions with a \$20 course fee;
- (c) add PHSC 1011, Orientation to Physical Science II, to the course descriptions, and add to all majors in the Physical Science Department; delete one hour of elective to all majors in the Physical Science Department;
- (d) modify the course descriptions for PHSC 1001, Orientation to Physical Science;
- (f) modify the course description for PHSC 1013, Introduction to Physical Science;
- (g) add the following statement to the course description for PHSC (BIOL) 3213, Science Education in the Elementary School: Note: To enroll in an internet section (TC1 or AT1) of this course, one of these prerequisite courses is required: COMS 1003, EDMD 3013, or equivalent;
- (h) modify the Curriculum in Chemistry General Option and Curriculum in Chemistry Biochemistry Option, as follows: replace three hours of Elective with CHEM 3423, Descriptive Inorganic Chemistry; and

(i) modify the Curriculum in Physical Science and Earth Science for Teacher Licensure, as follows: add the co-requisite laboratory to the option for the entry level physics courses and modify the entry level physics courses as follows: PHYS 2014, Physical Principles I, or PHYS 2114, General Physics I, and PHYS 2000, Physics Laboratory I; and PHYS 2024, Physical Principles II, or PHYS 2124, General Physics II, and PHYS 2010, Physics Laboratory II.

Motion carried.

5. Department of Mathematics

Motion by Dr. Wilson, seconded by Dr. Amirkhanian , to approve the following proposals:

(a) add MATH 4343(5343), Introduction to Partial Differential Equations, to the course descriptions (graduate course to be considered by Graduate Council);

(b) modify the prerequisite for MATH 3033, Methods of Teaching Elementary Mathematics, from prerequisite: MATH 2043, Mathematical Concepts II, to prerequisite: MATH 2043, Mathematical Concepts II, and admission to Stage II;

(c) modify the co-requisite for MATH 3243, Differential Equations I, from co-requisite: MATH 2934, Calculus III, to prerequisite: MATH 2924, Calculus II;

(d) modify the Curriculum in Mathematics, as follows: change the computer science requirement from COMS 2104, Foundations of Computer Programming I, to COMS 2803, Programming in C, and one hour elective, or COMS 2104, Foundations of Computer Programming I; and

(e) modify the Curriculum in Mathematics for Teacher Licensure, as follows: change the computer science requirement from COMS 2104, Foundations of Computer Programming I, to COMS 2803, Programming in C, and one hour elective, or COMS 2104, Foundations of Computer Programming I.

Motion carried.

ADJOURNMENT:

The meeting adjourned at 1:30 p.m.

Sincerely,

Ms. Tammy Rhodes, Recording Secretary