

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

The Curriculum Committee met in Room 325 of the Ross Pendergraft Library and Technology Center on Monday, October 25, 2004, at 3:30 p.m. The following members were present: Dr. Annette Holeyfield, Dr. Lyman Harris, Dr. Tim Carter, Dr. Pam Carr, Ms. Kate Brugh, Dr. Glen Bishop, Dr. Richard Smith, Dr. Tom Nupp, and Ms. Tammy Rhodes. Dr. Cathy Baker, Dr. Deborah Wilson, and Dr. Robert Fithen were absent. The following guests were present: Dr. Don Carnahan, Dr. Mary Ann Rollans, Mr. Luke Heffley, Dr. Georgena Duncan, Dr. Dan Martin, Dr. James Gadberry, Mr. Andy Anders, Dr. Donna Vocate, Dr. Ardith Morris, Dr. William Hoefler, and Ms. Cathy McMahan.

**APPROVAL OF  
MINUTES**

Dr. Nupp called the meeting to order and asked for action to approve the minutes from the meeting on Monday, October 4. Motion by Dr. Harris, seconded by Mr. Smith, to approve the minutes as distributed. Motion carried.

**REPORT FROM  
SUBCOMMITTEE**

Dr. Nupp asked for a report from the subcommittee reviewing the general education proposals. Motion by Dr. Harris, seconded by Dr. Holeyfield, to table the report until after hearing curricular items. Motion carried.

**CURRICULAR  
ITEMS**

The following actions were taken on curricular items:

**Departments of Business and Economics and Accounting**

Dr. Nupp asked for a motion to accept all proposals from the department as a group. Motion by Dr. Holeyfield, seconded by Dr. Smith to approve all proposals from the department as a group. Motion carried. Motion by Dr. Smith, seconded by Dr. Holeyfield to approve the following prerequisite changes: (1) MGMT 2013, Management Productivity Tools, *from* COMS 1003, Introduction to Computer Based Systems, *to* COMS 1003, Introduction to Computer Based Systems or BUAD 2003, Business Information Systems; (2) MGMT 3103, Production Management, *from* BUAD 2003, Business Information Systems, BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior *to* COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, and BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior (i.e., students may take either COMS 1003 or BUAD 2003 but must take BUAD 2053 and MGMT 3003); (3) MGMT 4013, Management Information Systems, *from* BUAD 2003, Business Information Systems, BUAD 2053, Business Statistics, MGMT 3003, Management and Organizational Behavior, and MKT 3043, Principles of Marketing *to* COMS 1003, Introduction to Computer Based Systems, or BUAD 2003, Business Information Systems, and BUAD 2053, Business Statistics, and MGMT 3003, Management and Organizational Behavior, and MKT 3043, Principles of Marketing (i.e., students may take either COMS 1003 or BUAD 2003 but must take BUAD 2053, MGMT 3003, and MKT 3043); (4) BUAD 2053, Business Statistics, *from* COMS 1003, Introduction to Computer Based

Systems and MATH 2243, Calculus for Business and Economics *to* COMS 1003, Introduction to Computer Based Systems or BUAD 2003, Business Information Systems, and MATH 2243, Calculus for Business and Economics (i.e., students may take either COMS 1003 or BUAD 2003 but must take MATH 2243); and (5) BUAD 3023, Business Communications, *from* 6 hours of English Composition and COMS 1003, Introduction to Computer Based Systems *to* 6 hours of English Composition and COMS 1003, Introduction to Computer Based Systems or BUAD 2003, Business Information Systems; and (6) ACCT 2003, Accounting Principles I, *from* COMS 1003, Introduction to Computer Based Systems *to* COMS 1003, Introduction to Computer Based Systems or BUAD 2003, Business Information Systems. Motion carried.

#### School of Community Education

Dr. Nupp asked for a motion to accept all proposals from the department as a group. Motion by Dr. Smith, seconded by Dr. Carr to approve all proposals from the department as a group. Motion carried. Motion by Dr. Bishop, seconded by Dr. Holeyfield, to approve the following proposals: (A) Revise the Professional Studies curriculum as follows: (1) in the sophomore year, replace COMS 2003, Microcomputer Applications, with COMS 1003, Introduction to Computer Based Systems; (2) change footnote 1 to agree with the same footnote in all other degree programs (i.e., "See appropriate alternatives or substitutions in 'General Education Requirements' on page 74") and remove footnote 1 from Social Sciences in the freshman and sophomore years and the Business Applications requirement in the sophomore year; and (3) change the course prefix from BPS to PS; (B) Change technical courses as follows: (1) change the number and title of TELT 1014, Fundamentals of Electricity I, to TELT 1013, Fundamentals of Electricity, and change the course description; (2) delete TELT 1214, Fundamentals of Electricity II, from the course descriptions; (3) change the title of TELT 1123, Industrial Electricity I, to Industrial Electricity and change the course description; (4) delete TELT 2313, Industrial Electricity II, from the course descriptions; (5) change the number and title of TELT 1224, Solid State I, to TELT 1223, Solid State, and change the course description; (6) delete TELT 2214, Solid State II, from the course descriptions; (7) change the number and title of TELT 1314, Digital Electronics I, to TELT 1313, Digital Electronics, and change the course description; (8) delete TELT 2424, Digital Electronics II, from the course descriptions; (9) change the number of TELT 2014, Programmable Logic Controllers (PLS) Applications, to TELT 2013 and change prerequisite to TELT 1123, Industrial Electricity; (10) change the prerequisite of TELT 2233, Advanced PLC Systems, to TELT 2013, Programmable Logic Controllers (PLS) Applications; (11) change the title of TELT 2503, Electronics: Special Topics, to Industrial Systems: Special Topics, and change the course description; (12) delete TMAC 2503, Mechanical: Special Topics, from the course descriptions; (13) change the prerequisite of TELT 2223, Troubleshooting Electrical and Electronic Systems, to TELT 1123, Industrial Electricity, and change the course description; (14) delete TMAC 2991-5, Advanced Problems in Industrial Plant Maintenance, from the course descriptions; (15) change the title of TELT 2991-5, Advanced Problems in Industrial Electronic Technology, to Advanced Problems in Industrial Systems, and change the course description; (16) change the number of TIPM 1204, Maintenance of Plumbing

Systems, to TIPM 1203; (17) add a prerequisite of TMAT 1003, Technical Mathematics, to TMAC 1013, Basic Machine Shop; (18) change the number of TMAC 1135, Welding Option, to TMAC 1133; (19) change the number and title of TMAC 1025, Machine Set-Up and Operations I, to TMAC 1023, Machine Set-Up and Operations, and change the course description; (20) delete TMAC 2014, Machine Set-Up and Operations II, from the course descriptions; (21) delete TACR 2212, Maintenance of Boiler and Steam Systems, from the course descriptions; (22) change the number of TACR 2214, Ammonia Refrigeration Systems, to TACR 2223; (23) delete TIPM 2014, Metallurgy, from the course descriptions; (24) change the number of TACR 2014, Introduction to Air Conditioning Systems, to TACR 2013; and (25) delete TMAC 2115, Machine Processes, from the course descriptions; (C) Place the Technical Certificate in Industrial Plant Maintenance on inactive status as of Fall 2005; (D) Place the Associate of Applied Science degrees in Industrial Plant Maintenance and Industrial Electronic Technology on inactive status as of Fall 2005; (E) Modify the curriculum in the Associate of Applied Science in Industrial Systems; and (F) Modify the curriculum for the Certificate in Industrial Electronic Technology. Motion by Dr. Bishop, seconded by Dr. Holeyfield, to accept the proposals with amendment of new course syllabus for technical courses that had been combined from two existing courses. Motion carried.

### General Studies

Motion by Dr. Harris, seconded by Dr. Holeyfield, to approve the proposal to modify the General Studies Blocks as follows: (1) Fine Arts: delete ART 2303, Figure Drawing, add ART 1403, Two Dimensional Design, three hours in electives in 3000-4000 level art studio courses, and modify to choose either ART 2703, Introduction to Sculpture, or ART 3603, Introduction to Ceramics; and (2) Graphic Design: delete ART 2203, Applied Graphic Design, ART 2403, Color Design, and ART 3213, Basic Advertising Art, and add ART 1403, Two Dimensional Design, ART 2213, Digital Skills for the Graphic Designer, and ART 3203, Typography and Layout. Motion carried.

### Department of Behavioral Sciences

Motion by Dr. Harris, seconded by Dr. Smith to approve all proposals from the department as a group. Motion carried. Motion by Dr. Harris, seconded by Dr. Smith, to approve the following proposals: (1) change the course number of SOC(PSY) 2013, Self and Society, to SOC(PSY) 3033; (2) add the prerequisite of SOC 1003, Introductory Sociology, and CJ(SOC) 2033, Social Problems, to CJ(SOC) 3153, Prison and Correction; and (3) change the prerequisites of CJ(SOC) 3206, The Law in Action, from SOC(CJ) 3043, Crime and Delinquency (old course number) and permission to SOC(CJ) 2043, Crime and Delinquency (new course number), 9 hours of Criminal Justice course work, and senior classification. Motion by Dr. Harris, seconded by Dr. Smith, to approve proposals with amendment of CJ(SOC) 3206, The Law in Action to CJ(SOC) 4206 and add instructor permission to prerequisites. Motion carried.

## Department of Music

Motion by Dr. Nupp, seconded by Dr. Carr to move to next agenda item until Mr. Anders could be present. Motion carried.

## Department of Speech, Theatre, and Journalism

Motion by Dr. Harris, seconded by Dr. Carter to accept all proposals from the department as a group. Motion carried. Motion by Dr. Holeyfield, seconded by Dr. Smith, to accept the following proposals was amendment of the assessment item to the course additions: (1) change the course description of TH 3523, Principles of Theatrical Lighting; (2) change the course description of TH 4513, Drafting for the Stage, and add the prerequisite of TH 3513, Stagecraft Techniques, or permission of instructor; (3) change the course description of TH 4523, Advanced Stagecraft, and add the prerequisite of TH 4513, Drafting for the Stage; (4) add TH 3731, 3741, Practicum in Acting, to the course descriptions; and (5) add TH 4731, 4741, Practicum in Acting, to the course descriptions. Motion carried.

## Department of Music

Motion by Dr. Holeyfield, seconded by Dr. Smith to bring the Department of Music proposal to the table. Motion carried. Motion by Dr. Harris, seconded by Dr. Smith, to approve the modification of language in the course descriptions section under Musical Performance and Music Ensembles and remove language from course descriptions of MUS 1611, 3611, Music Theatre Workshop, and MUS 1621, 3621, Music Theatre Practicum, relating to repeating courses. Motion carried.

## Department of Agriculture

Motion by Dr. Smith, seconded by Dr. Carter to accept all proposals from the department as a group. Motion carried. Motion by Dr. Harris, seconded by Dr. Carr to approve the following proposals: (1) add AGBU 3993, Internship I in Agriculture, to the course descriptions; (2) add AGBU 4983, Internship II in Agriculture, to the course descriptions; (3) add AGE 3003, Solving Agricultural Problems, to the course descriptions; and (4) change the course description of AGBU 4991-4, Special Problems in Agriculture. Motion by Dr. Harris, seconded by Dr. Carr, to accept the proposals with amendment to add additional prerequisite of fulfillment general education mathematics requirement to AGE 3003, Solving Agricultural Problems. Motion carried.

## Department of Park, Recreation, and Hospitality

Motion by Dr. Smith, seconded by Dr. Harris, to accept all proposals from the department as a group. Motion carried. Motion by Dr. Holeyfield, seconded by Dr. Smith, to approve the following proposals: (1) change the number of RP 1992, Basic Forest firefighting, to RP 1993 add change the course description; (2) delete RP 2992, Wildland Fire Suppression-Water Use, from the course descriptions; (3) change the title of RP(HA) 3043, Work Experience I, to Work Experience and change the course description; (4) add a prerequisite of COMS 1003, Introduction to Computer Based

Systems, or higher computer science course to RP 4063, Park Operations; and (5) modify the Recreation Administration Emphasis by (a.) deleting PSY 3063, Developmental Psychology I, or PSY 3163, Developmental Psychology II, 9 hours of approved electives, and 5 hours of departmental electives; and (b.) adding ACCT 2003, Accounting Principles I, POLS 3053, Introduction to Public Administration, POLS 3093, American Municipal Government, PE 4103, Principles and Methods of Adapted Physical Education, and 5 hours of approved electives. Motion by Dr. Holeyfield, seconded by Dr. Smith, to approve the proposals with amendment to RP 4063, Park Operations. The amendment changes the prerequisite to: add a prerequisite of COMS 1003, Introduction to Computer Based Systems, or equivalent to RP 4063, Park Operations. Motion carried.

#### REPORT FROM SUBCOMMITTEE

Dr. Nupp asked the report from subcommittee be addressed. Dr. Smith indicated that the subcommittee met and formulated several questions to be addressed regarding the mathematics proposal. Dr. Carnahan addressed questions. No action was taken on the report from the subcommittee. The proposals from the Departments of Mathematics and Physical Science will be included on the agenda for the meeting on November 15.

#### ADJOURNMENT

Dr. Nupp indicated the next meeting would be held on Monday, November 15, at 3:30 p.m. in RPL 325. The meeting adjourned at 5:40 p.m.

Sincerely,

Pam Carr, Secretary

QUESTIONS FROM SUBCOMMITTEE REVIEWING GENERAL EDUCATION PROPOSALS:

1. Will completion of this course negatively affect the CAAP results? Four of the six subtests (Pre-Algebra, Elementary Algebra, Intermediate Algebra, College Algebra, Coordinate Geometry, and Trigonometry) of the mathematics portion are from the algebra content area. I know that Dr. Carnahan provided a comparison table of CAAP scores in his proposal noting that the scores haven't changed over the last 10 years. However, one of the reasons given for changing this course was that the Math 1103 and the Math 1113 were being taught the same. That leads me to believe that algebra content was being taught in the 1103 class so the CAAP scores probably wouldn't be affected. However, it is my understanding that algebra content will not be taught in the 1003 class. Won't that lead to decreased performance? With so few students taking the Math 1003 (because most departments will have to change their requirement to 1113), the CAAP scores might not reflect a statistical change. I wonder, however, if that's the right decision for us to make.
2. If the Math1003 course proposal is passed, how many sections will be offered? How will staffing the Math 1113 be affected?
3. Will completion of this course negatively affect the Praxis I results? The three content categories tested on the Praxis I math portion are: conceptual knowledge and procedural knowledge; representations of quantitative information; and measurement and informal geometry, formal mathematical reasoning.
4. The proposal approved by Curriculum Committee and Faculty Senate in 1997 changing MATH 1103 to Algebra for General Education was justified in that it would better prepare students for the math portion of the rising junior exam. The course syllabus outlined the content of the class. When did the content of the course change and why did the content of the course change?
5. Why was MATH 1103 offered in the first place and why is it now not considered to be a suitable general education math course?