

Cosmetic Changes Round #2

College of Arts and Humanities – Department of English and World Languages

1. Modify the title for ENGL 0303: Foundational Composition, to Composition Workshop; and modify the course description FROM: A course in basic grammar and writing to prepare students for the required six hour composition sequence. Note: The grade in the course will be computed in semester and cumulative grade point averages, but the course may not be used to satisfy general education requirements nor provide credit toward any degree. A student who is placed in ENGL 0303 must earn a grade of C or better in the course before enrolling in ENGL 1013. A student who makes a D or F in ENGL 0303 must repeat the course in each subsequent semester until he or she earns a grade of C or better; TO: A composition workshop that complements and supports instruction in ENGL 1013: Composition I. May be repeated for credit. Note: The grade in ENGL 0303 will be recorded as pass or fail. The hours earned in ENGL 0303 may not be used to satisfy general education requirements nor provide credit toward any degree. A student who is placed in ENGL 0303 must register concurrently in an assigned section of ENGL 1013 Composition I.

College of Business – Department of Accounting, Finance & Economics

1. Modify the prerequisites for ACCT 2003: Accounting Principles I, FROM: Prerequisites: A grade of C or higher in BUAD 2003: Business Information Systems, or COMS 2003: Microcomputer Applications, and a grade of C or higher in MATH 2223: Quantitative Business Analysis, or MATH 2243: Calculus for Business and Economics; TO: Prerequisites: A grade of C or higher in BUAD 2003: Business Information Systems, and a grade of C or higher in MATH 1113: College Algebra, or higher level mathematics course; and
2. Modify the prerequisites for FIN 3023: Financial Markets and Institutions, FROM: Prerequisites: ECON 2003: Principles of Economics I, 2013: Principles of Economics II, and junior standing or above; TO: Prerequisites: ECON 2003: Principles of Economics I, 2013: Principles of Economics II, FIN 3063: Business Finance, and junior standing or above.

College of Education – Department of Curriculum and Instruction

1. Modify the course description for EDLD 6023: Organizational Change, FROM: A study of change theory as it affects educational organizations with specific attention given to the public school system. The use of programs such as ACSIP in directing change within the school; TO: This course is a study of the principles of organizational change and how they relate to educational institutions. Students will evaluate existing school programs, and write a proposal to develop and implement a focused improvement plan that leads to an effective school change;
2. Modify the course description for DYS 5003: Dyslexia and Other Learning Disorders, FROM: This course is designed to provide the dyslexia specialist candidates an introduction to the field of dyslexia and related learning disorders; TO: This course is designed to provide dyslexia specialist candidates an introduction to the field of dyslexia and related learning disorders. This course will focus on an understanding of the science of reading including phonemic awareness, phonics,

fluency, vocabulary, and reading comprehension, as well as concepts of print. A variety of approaches to reading and writing instruction, assessment practices, and issues in reading curriculum development will be addressed with particular emphasis on students with dyslexia and other struggling readers. This class has a 5-hour field work component; and

3. Modify the course description for RDNG 3003: Teaching Literacy Foundations, FROM: This course focuses on reading methods and specific techniques appropriate for emergent readers and developmental readers in the elementary grades, K-6. The focus will be teaching all children to read independently including struggling readers and ESL students; TO: The focus of this course is on the development of language and literacy of young children, and specific techniques appropriate for emergent readers and developing readers in the elementary grades, K-6. The aim of this course will be teaching all children to read independently including struggling readers and ESL students. The course covers issues relating to the socialization patterns and practices of literacy learning in the home and school. It requires the application of knowledge of the Science of Reading components: phonological awareness, phonics, vocabulary, fluency, and comprehension, with an emphasis on the theories and strategies appropriate for teaching, diagnosis of reading difficulties, and intervention strategies for struggling readers. A variety of approaches to reading and writing instruction, assessment practices, and issues in reading curriculum development will be addressed.

College of Engineering and Applied Sciences – Department of Computer & Information Science

1. Delete the Co-requisite: COMS 4710: Heterogeneous Networks Lab, from COMS 4713: Heterogeneous Networks.

College of Engineering and Applied Sciences – Department of Emergency Management

1. Separate EAM 4991, 4992, 4993: Special Problems and Topics, to create the following: EAM 4991, 4992, 4993: Special Problems, and EAM 2991, 2992, 2993: Special Problems, and EAM 2881, 2882, 2883: Special Topics, and EAM 4881, 4882, 4883: Advanced Special Topics; and
2. Modify the Curriculum in Emergency Management, and AAS in Paramedic/Emergency Medical Services to BS in Emergency Management, as follows: Add EAM 2991, 2993, 2993: Special Problems, and EAM 2881, 2882, 2883: Special Topics, and EAM 4881, 4882, 4883: Advanced Special Topics, to the list of 15 hours of EAM electives.

College of Engineering and Applied Sciences – Department of Mechanical Engineering

1. Modify the prerequisites for MCEG 4403: Mechanics of Fluids and Hydraulics, FROM: Prerequisites: MCEG 2033: Dynamics, and MCEG 3313: Thermodynamics I; TO: Prerequisites: MATH 3243: Differential Equations, MCEG 2033: Dynamics, and MCEG 3313: Thermodynamics I.
2. Modify the prerequisites for MCEG 4433: Thermodynamics II, FROM: Prerequisites: MATH 2934: Calculus III, MATH 3243: Differential Equations, and MCEG 3313: Thermodynamics I; TO: Prerequisites: MATH 2934: Calculus III, and MCEG 3313: Thermodynamics I.

College of Engineering and Applied Sciences – Department of Parks, Recreation, and Hospitality Administration

1. Separate HA 4991, 4992, 4993: Special Problems and Topics to create the following: HA 4991, 4992, 4993: Special Problems, and HA 2991, 2992, 2993: Special Problems, and HA 2881, 2882, 2883: Special Topics, and HA 4881, 4882, 4883: Advanced Special Topics; and
2. Separate RP 4991, 4992, 4993: Special Problems and Topics to create RP 4991, 4992, 4993: Special Problems, and RP 2991, 2992, 2993: Special Problems, and RP 2881, 2882, 2883: Special Topics, and RP 4881, 4882, 4883: Advanced Special Topics.

College of Natural and Health Sciences – Department of Mathematics

1. Modify the prerequisite for MATH 2033: Mathematical Concepts I, FROM: Prerequisite: MATH 1113: College Algebra, elementary education major; TO: Prerequisite: MATH 1003: College Mathematics, or MATH 1113: College Algebra, elementary education major;
2. Modify the prerequisite for STAT 3183: Statistical Process Control, FROM: Prerequisite: STAT 3153: Applied Statistics; TO: Prerequisite: any introductory statistics course or permission of instructor; and
3. Modify the prerequisite for STAT 4153: Applied Statistics II, FROM: Prerequisite: STAT 2303: Statistical Methods; TO: Prerequisite: any introductory statistics course or permission of instructor.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)
ENGL

Course Number: (e.g., 1003)
0303

Official Catalog Title:
Foundational Composition

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change course title to:

Composition Workshop

Change course description to:

A composition workshop that complements and supports instruction in ENGL 1013 Composition I. May be repeated for credit.

Note: The grade in ENGL 0303 will be recorded as pass or fail. The hours earned in ENGL 0303 may not be used to satisfy general education requirements nor provide credit toward any degree.

A student who is placed in ENGL 0303 must register concurrently in an assigned section of ENGL 1013 Composition I.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.

As part of its Arkansas Strong Start to Finish initiative, the Arkansas Division of Higher Education has encouraged "institutions to reach an institutional goal of placing 75% of students currently served by standalone remedial courses instead into corequisite courses and an overall state goal of 85%" (Email. Dr. Jessie Walker, Senior Associate Director, October 8, 2019). Evidence supporting this change in remedial instruction is presented in the Arkansas Higher Education Coordinating Board's "Annual Report on First-Year Remediation" April 19, 2019.

- b. Explain the rationale for the cosmetic course change.

See above. This proposed change will result in 100% of students identified as underprepared in English being enrolled in corequisite composition classes by the fall of 2020.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

This change will impact all Tech students who are identified as underprepared in English, but it will not have special impact on any program. The effects of this change should be that underprepared students enroll in fewer remedial hours and complete their required composition sequence sooner.

These changes will be assessed by embedded CPGE assessments in the corequisite sections of ENGL 1013 and by analysis of the pass rates of underprepared students.

| REQUEST FOR COSMETIC COURSE CHANGES | |
|--|-----------------------------|
| Course Subject: (e.g., ACCT ENGL) | Course Number: (e.g., 1003) |
| ACCT | 2003 |
| Official Catalog Title: | |
| Principles of Accounting I | |
| Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) | |
| <p><i>are listed below:</i></p> <p>The current prerequisites for this course include MATH 2223 and BUAD 2003.</p> <p>The prerequisites should be changed to MATH 1113 and BUAD 2003 <i>with a grade of C or higher.</i></p> | |
| Answer the following Assessment questions: | |
| <p>a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. Not applicable.</p> <p>b. Explain the rationale for the cosmetic course change.</p> <p>The rationale for this change is that MATH 1113 provides sufficient background in math to enable students to complete ACCT 2003. The material covered in MATH 2223 is not required to complete ACCT 2003.</p> | |
| If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php . | |

Current Prerequisites below:

Prerequisites: A grade of C or higher in BUAD 2003 or COMS 2003 and a grade of C or higher in MATH 2223 or MATH 2243

Tammy Weaver

From: Debra Hunter
Sent: Monday, October 28, 2019 2:00 PM
To: Tammy Weaver
Subject: RE: Cosmetic Changes

That looks correct to me.

From: Tammy Weaver
Sent: Monday, October 28, 2019 1:53 PM
To: Debra Hunter
Subject: FW: Cosmetic Changes

Debra

Below is the summary per your voice mail:

Cosmetic Changes Round #2

College of Business – Department of Accounting, Finance & Economics

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2. Modify the prerequisites for FIN 3023: Financial Markets and Institutions, FROM: Prerequisites: ECON 2003: Principles of Economics I, 2013: Principles of Economics II, and junior standing or above; TO: Prerequisites: ECON 2003: Principles of Economics I, 2013: Principles of Economics II, FIN 3063: Business Finance, and junior standing or above.

Tammy Weaver, Registrar
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105 West O Street
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Fax: 479.968.0683
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Please take a minute to complete this survey on the service you received.
<http://www.atu.edu/registrar/survey.php>



Tammy Weaver

From: Tammy Weaver
Sent: Monday, October 28, 2019 10:07 AM
To: Dr. Debra Hunter
Cc: Alexis Scrimshire
Subject: Cosmetic Changes
Attachments: SKM_454e19102810430.pdf

Dr. Hunter

See the attached College of Business – Department of Accounting, Finance & Economics cosmetic course change forms. Please clarify what you want the new prerequisite to be for both proposals.

Thanks.

Tammy

*updated cosmetic change form per vbiic mail
from Debra Hunter*

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| REQUEST FOR COSMETIC COURSE CHANGES | |
|--|--|
| Course Subject: (e.g., ACCT ENGL) FIN | Course Number: (e.g., 1003) 3023 |
| Official Catalog Title: Financial Markets and Institutions | |
| Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Add FIN 3063 as a prerequisite to the existing prerequisites. | |
| <p>Answer the following Assessment questions:</p> <p>a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. N/A</p> <p>b. Explain the rationale for the cosmetic course change. The contents of FIN 3023 are based upon the knowledge from FIN 3063: Business Finance.</p> | |
| If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php . | |

Current Prerequisites below:

Prerequisites: ECON 2003, 2013, and Junior standing or above.

RECEIVED

OCT 22 2019

Registrar's Office

Tammy Weaver

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To: Dr. Debra Hunter
Cc: Alexis Scrimshire
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See the attached College of Business – Department of Accounting, Finance & Economics cosmetic course change forms. Please clarify what you want the new prerequisite to be for both proposals.

Thanks.

Tammy

*updated cosmetic change form per voice mail
from Debra Hunter*

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REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)

EDLD

Course Number: (e.g., 1003)

6023

Official Catalog Title:

Organizational Change

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

- modify course description

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. N.A.
- b. Explain the rationale for the cosmetic course change.

This change is needed to eliminate an outdated reference (ASCIP) and to fix the incomplete sentences. The new description should read: "This course is a study of the principles of organizational change and how they relate to educational institutions. Students will evaluate existing school programs, and write a proposal to develop and implement a focused improvement plan that leads to an effective school change."

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)

DYS

Course Number: (e.g., 1003)

5003

Official Catalog Title:

Dyslexia and Other Learning Disorders

Current Course Description: This course is designed to provide the dyslexia specialist candidates an introduction to the field of dyslexia and related learning disorders.

Proposed Course Description: This course is designed to provide dyslexia specialist candidates an introduction to the field of dyslexia and related learning disorders. This course will focus on an understanding of the science of reading including phonemic awareness, phonics, fluency, vocabulary, and reading comprehension, as well as concepts of print. A variety of approaches to reading and writing instruction, assessment practices, and issues in reading curriculum development will be addressed with particular emphasis on students with dyslexia and other struggling readers. This class has a 5-hour field work component.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
 - a. Not applicable
- b. Explain the rationale for the cosmetic course change.
 - a. Provide a more accurate description of the course. This change is proposed to fulfill state reading requirements recommended by the Arkansas Division of Elementary and Secondary Education (Formerly the Arkansas Department of Education).

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)
RDNG

Course Number: (e.g., 1003)
3003

Official Catalog Title:
Teaching Literacy Foundations

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Modify the course description. The course description should be:

The focus of this course is on the development of language and literacy of young children, and specific techniques appropriate for emergent readers and developing readers in the elementary grades, K-6. The aim of this course will be teaching all children to read independently including struggling readers and ESL students. The course covers issues relating to the socialization patterns and practices of literacy learning in the home and school. It requires the application of knowledge of the Science of Reading components: phonological awareness, phonics, vocabulary, fluency, and comprehension, with an emphasis on the theories and strategies appropriate for teaching, diagnosis of reading difficulties, and intervention strategies for struggling readers. A variety of approaches to reading and writing instruction, assessment practices, and issues in reading curriculum development will be addressed.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
 - a. Not applicable
- b. Explain the rationale for the cosmetic course change.
 - a. Provide a more accurate description of the course. This change is proposed to fulfill state reading requirements recommended by the Arkansas Division of Elementary and Secondary Education (Formerly the Arkansas Department of Education).

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)

COMS

Course Number: (e.g., 1003)

4713

Official Catalog Title:

Heterogeneous Networks Lab

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Delete the Co-requisite: COMS 4710: Heterogeneous Networks Lab.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
- b. Explain the rationale for the cosmetic course change.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)
EAM

Course Number: (e.g., 1003)
4991, 4992, 4993

Official Catalog Title:
Special Problems and Topics

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Separate EAM 4991, 4992, 4993: Special Problems and Topics to create EAM 4991, 4992, 4993: Special Problems, and EAM 2991, 2992, 2993: Special Problems, and EAM 2881, 2882, 2883: Special Topics, and EAM 4881, 4882, 4883: Advanced Special Topics.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
- b. Explain the rationale for the cosmetic course change.

The creation of EAM 2991-3 will allow underclassman students the opportunity to complete special problems at the lower division learning outcomes. Separating the special problems from the topics will allow the topics courses to be taught as a lower or upper level class and not appear to be independent work on the transcript.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC PROGRAM CHANGE

Program Title:

Emergency Management and AAS in Paramedic/Emergency Medical Services to BS in Emergency Management

Outline change in program: (e.g., list changes in program such as (1) delete three hours of elective and (2) add three hours of approved major electives)

Add EAM 2991, 2993, 2993: Special Problems, and EAM 2881, 2882, 2883: Special Topics, and EAM 4881, 4882, 4883: Advanced Special Topics, to the list of 15 hours of EAM electives.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
- b. Explain the rationale for the cosmetic course change.

Currently EAM 4991, 4992, 4993: Special Problems and Topics, can be used to fulfill the required 15 hours of EAM electives in the program. EAM 4991, 4992, 4993: Special Problems and Topics has been separated into Special Problems and Special Topics. We want to ensure these new courses can be used to fulfill the required 15 hours of EAM electives.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

Department of Emergency Management

A.A.S. in Paramedic/Emergency Medical Services to B.S. in Emergency Management Program

Associate of Applied Science Requirements (60 hours):

- BST 1303 Introduction to Computers, CIS 1113 Fundamental Computer Operation, COMS 1003 Introduction to Computer Based Systems, OR COMS 2003 Microcomputer Applications
- BIOL 2404 Human Anatomy and Physiology I
- BIOL 2414 Human Anatomy and Physiology II
- ENGL 1013 Composition I
- ENGL 1023 Composition II
- EMTP 1232 Pharmacology
- EMTP 1233 Medical Emergencies I with Lab
- EMTP 1234 Clinical Practicum I
- EMTP 2111 Clinical Practicum II
- EMTP 2112 Cardiology I
- EMTP 2113 Life Span Development
- EMTP 2211 Clinical Practicum III
- EMTP 2213 EMS Operations
- EMTP 2221 Cardiology II Lab
- EMTP 2222 Cardiology II
- EMTP 2313 Medical Emergencies II
- EMTP 2322 Assessment Based Management
- EMTP 2316 Paramedic Internship
- EMTP 2323 Trauma Management
- MATH 1003 College Mathematics OR MATH 1113 College Algebra
- Social Sciences¹ (3 hours)
- TECH 1001 Orientation to the University OR OZRK 1001 Ozark Campus Orientation

Other General Education Requirements (15 hours):

- Communication¹ (3 hours)
- Social Sciences¹ (3 Hours)
- Fine Arts & Humanities¹ (6 hours)
- U.S. History/Government¹ (3 hours)

EAM Core (36 hours)

Students must make a "C" or better in all required courses and practical applications.

Required EAM Courses Include:

- EAM 1013 Aim and Scope of Emergency Management
- EAM 3003 Developing Emergency Management Skills
- EAM 3013 Public Policy and Politics in Emergency Management
- EAM 3023 Principles of Preparedness and Response Operations
- EAM 3053 Introduction to Ethical and Legal Issues in Emergency Management
- EAM 3063 Emergency Management Doctrine
- EAM 4003 Principles of Disaster Relief and Recovery
- EAM 4013 Mitigation and Continuity of Operations
- EAM 4023 Geographic Information Systems in Emergency Management
- EAM 4033 Emergency Management Research Methods/Analysis
- EAM 4606 Capstone

²EAM Electives (9 hours)

- EAM 3033 The Social Dimensions of Disaster
- EAM 3123 Public Information Skills for Emergency Managers
- EAM 3143 The Economics of Hazards and Disaster
- EAM 3243 Introduction to Terrorism and Anti-Terrorism
- EAM 4043 Disaster and Emergency Management Ethics
- EAM 4053 Community Management of Hazardous Materials
- EAM 4063 Leadership
- EAM 4083 Legal Issues in Emergency Management
- EAM 4991, 4992, or 4993 Special Problems and Topics

<EAM 2881, 2882, or
2883
<EAM 4881, 4882, or
4883

EAM 2991, 4992, or 4993

⊕ Junior

| | | | |
|---|-----------|---|-----------|
| Social Sciences ¹ | 3 | Communications ¹ | 3 |
| Fine Arts & Humanities ¹ | 3 | Fine Arts & Humanities ¹ | 3 |
| EAM 1013 Aim and Scope of Emergency Management | 3 | EAM 3023 Principles of Preparedness and Response Operations | 3 |
| EAM 3003 Developing Emergency Management Skills | 3 | EAM 3053 Introduction to Ethical and Legal Issues in Emergency Management | 3 |
| EAM 3013 Public Policy and Politics in Emergency Management | 3 | U.S. History/Government ¹ | 3 |
| Total Hours | 15 | Total Hours | 15 |

⊕ Senior

| | | | |
|---|-----------|---|-----------|
| EAM 3063 Emergency Management Doctrine | 3 | EAM 4033 Emergency Management Research Methods/Analysis | 3 |
| EAM 4003 Principles of Disaster Relief and Recovery | 3 | EAM 4606 Capstone | 6 |
| EAM 4013 Mitigation and Continuity of Operations | 3 | EAM Elective ² | 6 |
| EAM 4023 Geographic Information in Emergency Management | 3 | | |
| EAM Elective ² | 3 | | |
| Total Hours | 15 | Total Hours | 15 |

¹See appropriate alternatives or substitutions "General Education Requirements".

²9 hours of EAM electives from the following: EAM 3033 The Social Dimensions of Disaster, EAM 3123 Public Information Skills for Emergency Managers, EAM 3143 The Economics of Hazards and Disaster, EAM 3243 Introduction to Terrorism and Anti-Terrorism, EAM 4043 Disaster and Emergency Management Ethics, EAM 4053 Community Management of Hazardous Materials, EAM 4063 Leadership, EAM 4083 Legal Issues in Emergency Management, EAM 4991, 4992, or 4993 Special Problems and Topics

Department of Emergency Management

Bachelor of Science in Emergency Management

Interest in emergency management and its importance from the global perspective have increased following recent events related to natural and technological hazards, terrorism, and other Homeland Security issues. The degree supports advancement opportunities for career professionals in a broad range of discipline areas as well as appealing to students seeking careers in emergency management in both the private and public sectors.

The curriculum in the EAM degree is based on the following core competencies for emergency managers:

Operates within the Emergency Management framework, principles, and body of knowledge

Disaster Risk Management

Scientific Literacy

Geographic Literacy

Sociocultural Literacy

Technological Literacy

Possess Critical Thinking

Abide by Professional Ethics

Systems Literacy

Continual Learning

Community Engagement

Governance & Civics

The curriculum requires all students to complete 60 hours of EAM courses which include 12 hours of credit for practical application experiences. The program is designed to build a solid foundation in emergency management concepts, competencies, and demonstrated applications. Additionally, students are required to complete a speech elective as part of the General Education Core as well as COMS 2003 Computer Applications or the equivalent and ENGL 2053 Technical Writing or PS 3023 Professional Communications.

Curriculum

The matrix below is a sample plan for all coursework required for this program.

⊕ Freshman

ENGL 1013 Composition I¹

3

ENGL 1023 Composition II¹

3

| | | | |
|--|-----------|--|-----------|
| Social Sciences ¹ | 3 | Social Sciences ¹ | 3 |
| Mathematics ¹ | 3 | Science with Lab ¹ | 4 |
| TECH 1001 Orientation to the University | 1 | COMS 2003 Microcomputer Applications or Equivalent | 3 |
| Communication ¹ | 3 | EAM 1013 Aim and Scope of Emergency Management | 3 |
| EAM 1003 Living in a Hazardous Environment | 3 | | |
| Total Hours | 16 | Total Hours | 16 |

⊕ Sophomore

| | | | |
|--|-----------|---|-----------|
| Science with Lab ¹ | 4 | U.S. History/Government ¹ | 3 |
| Fine Arts & Humanities ¹ | 3 | Fine Arts & Humanities ¹ | 3 |
| ENGL 2053 Technical Writing or PS 3023 Professional Communications | 3 | EAM 3023 Principles of Preparedness and Response Operations | 3 |
| EAM 3003 Developing Emergency Management Skills | 3 | EAM 3053 Introduction to Ethical and Legal Issues in Emergency Management | 3 |
| EAM 3013 Public Policy and Politics in Emergency Management | 3 | EAM 3063 Emergency Management Doctrine | 3 |
| Total Hours | 16 | Total Hours | 15 |

⊕ Junior

| | | | |
|---|-----------|---|-----------|
| EAM 4003 Principles of Disaster Relief and Recovery | 3 | EAM 4033 Emergency Management Research Methods/Analysis | 3 |
| EAM 4013 Mitigation and Continuity of Operations | 3 | EAM Electives ² | 9 |
| EAM 4023 Geographic Information Systems in Emergency Management | 3 | Elective | 3 |
| Elective | 6 | | |
| Total Hours | 15 | Total Hours | 15 |

⊕ Senior

| | | | |
|----------------------------|-----------|-------------------------------|-----------|
| EAM Electives ² | 6 | EAM 4106 Internship/Practicum | 6 |
| Electives | 9 | EAM 4606 Capstone | 6 |
| Total Hours | 15 | Total Hours | 12 |

¹See appropriate alternatives or substitutions "General Education Requirements".

²15 hours of EAM electives from the following: EAM 2033 Citizen/Family/Community Disaster Preparedness Education, EAM 3033 The Social Dimensions of Disaster, EAM 3123 Public Information Skills for Emergency Managers, EAM 3143 The Economics of Hazards and Disaster, EAM 3243 Introduction to Terrorism and Anti-Terrorism, EAM 4043 Disaster and Emergency Management Ethics, EAM 4053 Community Management of Hazardous Materials, EAM 4063 Leadership, EAM 4083 Legal Issues in Emergency Management, EAM 4991, 4992, or 4993 Special Problems and Topics

EAM Core (33 hours)

Students must make a "C" or better in all required courses and practical applications.

Required EAM Courses Include:

- EAM 1003 Living in a Hazardous Environment
- EAM 1013 Aim and Scope of Emergency Management
- EAM 3003 Developing Emergency Management Skills
- EAM 3013 Public Policy and Politics in Emergency Management
- EAM 3023 Principles of Preparedness and Response Operations
- EAM 3053 Introduction to Ethical and Legal Issues in Emergency Management
- EAM 3063 Emergency Management Doctrine
- EAM 4003 Principles of Disaster Relief and Recovery
- EAM 4013 Mitigation and Continuity of Operations
- EAM 4023 Geographic Information Systems in Emergency Management
- EAM 4033 Emergency Management Research Methods/Analysis

In addition, all students must take 12 Hours of Practical Application:

- EAM 4106 Internship/Practicum
- EAM 4606 Capstone

²And 15 hours of EAM electives from the following:

- EAM 2033 Citizen/Family/Community Disaster Preparedness Education
- EAM 3033 The Social Dimensions of Disaster
- EAM 3123 Public Information Skills for Emergency Managers
- EAM 3143 The Economics of Hazards and Disaster
- EAM 3243 Introduction to Terrorism and Anti-Terrorism

- EAM 4043 Disaster and Emergency Management Ethics
- EAM 4053 Community Management of Hazardous Materials
- EAM 4063 Leadership
- EAM 4083 Legal Issues in Emergency Management
- EAM 4991, 4992, or 4993 Special Problems and Topics

EAM 2991, 2992, or 2993

EAM 2881, 2882, or 2883

EAM 4881, 4882, or 4883

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)

MCEG

Course Number: (e.g., 1003)

4403

Official Catalog Title:

Mechanics of Fluids & Hydraulics

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add a MATH 3243, Differential Equations, as a pre-requisite

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.

This course is a part of our accredited BSME curriculum and is a standard course in a BSME program.

- b. Explain the rationale for the cosmetic course change.

Several concepts covered in MCEG 4403 and the follow-up course, MCEG 4443, require the use of differential equations. In the past, we relied on our curriculum map to assure that students had taken MATH 3243 prior to Fluids but now wish to formalize this pre-requisite need.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

Engineering Physics and Nuclear Physics majors also take MCEG 4403 (and MATH 3243). A support form from the Physical Science Department is included here.

Tammy Weaver

From: John Krohn
Sent: Monday, October 28, 2019 11:52 AM
To: Tammy Weaver
Subject: Re: Cosmetic Change

Sorry I didn't make that clear. We wish to add MATH 3243 to the prerequisite list (so all three classes will be pre-reqs).

John L. Krohn, Ph.D., P.E.
Professor and Interim Department Head
Mechanical Engineering
Arkansas Tech University
(479) 964-0833

From: Tammy Weaver <tweaver@atu.edu>
Sent: Monday, October 28, 2019 11:34 AM
To: John Krohn <jkrohn@atu.edu>
Subject: Cosmetic Change

Dr. Krohn

I have a cosmetic change to add MATH 3243 as a pre-requisite to MCEG 4403: Mechanics of Fluids and Hydraulics. Are you adding MATH 3243 to the existing prerequisites? Or will MATH 3243 be the only prerequisite?

Current prerequisites:

Prerequisites: MCEG 2033: Dynamics, and MCEG 3313: Thermodynamics I

Tammy

Tammy Weaver, Registrar
Arkansas Tech University
Office of the Registrar
Brown Building, Suite 307
105 West O Street
Russellville, AR 72801-2222

Telephone: 479.968.0643
Fax: 479.968.0683
Email: tweaver@atu.edu

Please take a minute to complete this survey on the service you received.
<http://www.atu.edu/registrar/survey.php>



REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)

MCEG

Course Number: (e.g., 1003)

4433

Official Catalog Title:

Thermodynamics II

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Delete the prerequisite of MATH 3243 (retaining MATH 2934 and MCEG 3313)

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.

This course is part of our accredited BSME program.

- b. Explain the rationale for the cosmetic course change.

A review of course material for MCEG 4433 indicated insufficient use of differential equations in the course to justify keeping MATH 3243 as a prerequisite.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

MCEG 4433 is not required for any other programs and, thus, no other departments are affected by this request.

Arkansas Tech University
DEPARTMENTAL SUPPORT FORM

This form must be completed for every department affected by the course change.

| | |
|--|--|
| Department Affected: Physical Sciences | This department <input checked="" type="checkbox"/> supports <input type="checkbox"/> does not support the change. |
| Comments: None | |

Department Head Signature: 

Date: 9/19/19

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)
HA

Course Number: (e.g., 1003)
4991, 4992, 4993

Official Catalog Title:
Special Problems and Topics

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Separate HA 4991, 4992, 4993: Special Problems and Topics to create HA 4991, 4992, 4993: Special Problems, and HA 2991, 2992, 2993: Special Problems, and HA 2881, 2882, 2883: Special Topics, and HA 4881, 4882, 4883: Advanced Special Topics.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
- b. Explain the rationale for the cosmetic course change.

The creation of HA 2991-3 will allow underclassman students the opportunity to complete special problems at the lower division learning outcomes. Separating the special problems from the topics will allow the topics courses to be taught as a lower or upper level class and not appear to be independent work on the transcript.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)
RP

Course Number: (e.g., 1003)
4991, 4992, 4993

Official Catalog Title:
Special Problems and Topics

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Separate RP 4991, 4992, 4993: Special Problems and Topics to create RP 4991, 4992, 4993: Special Problems, and RP 2991, 2992, 2993: Special Problems, and RP 2881, 2882, 2883: Special Topics, and RP 4881, 4882, 4883: Advanced Special Topics.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
- b. Explain the rationale for the cosmetic course change.

The creation of RP 2991-3 will allow underclassman students the opportunity to complete special problems at the lower division learning outcomes. Separating the special problems from the topics will allow the topics courses to be taught as a lower or upper level class and not appear to be independent work on the transcript.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)

MATH

Course Number: (e.g., 1003)

2033

Official Catalog Title:

Mathematical Concepts I

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change prereq from "MATH 1113, elementary education major" to
"MATH 1003 or MATH 1113, elementary education major"

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
- b. Explain the rationale for the cosmetic course change.

Change made in order to align with the education department program changes.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)
STAT

Course Number: (e.g., 1003)
3183

Official Catalog Title:
Statistical Process Control

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change the prerequisite from STAT 3153: Applied Statistics, to any introductory statistics course or permission of instructor.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
- b. Explain the rationale for the cosmetic course change.

Making this course accessible to more of the students population.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

REQUEST FOR COSMETIC COURSE CHANGES

Course Subject: (e.g., ACCT ENGL)
STAT

Course Number: (e.g., 1003)
4153

Official Catalog Title:
Applied Statistics II

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change the prerequisite from STAT 2303: Statistical Methods, to any introductory statistics course or permission of instructor, and junior standing or above.

Answer the following Assessment questions:

- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
- b. Explain the rationale for the cosmetic course change.

Making the course accessible to more of the student population on campus.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.