

Catalog Year 2011-12

College of Professional Studies and Community Outreach

Cosmetic Changes #1

app 10-8-10

- ✓ (a) Modify the curriculum in early childhood education as follows: delete WS 1002 from required activity and add two hours Physical Activity<sup>1</sup>. ✓

Department of English/ Department of Foreign Languages

✓ (a) Add the prerequisite LAT 1013, Beginning Latin I, or equivalent, to LAT 1023, Beginning Latin II.

✓ (b) Change the course number for SPAN 3223, Short Story, to SPAN 4203; modify the course description; and update the course number in the Curriculum in Foreign Languages and Curriculum in Foreign Languages with Concentration in Spanish for Teacher Licensure.

✓ (c) Modify the course description for SPAN 4283/5283, Seminar in Spanish, to allow course to be repeated if the content differs.

✓ (d) (1) Change the title for SPAN 4803, Latin American Film Theory, to Film Theory; change the prerequisite from prerequisites: Completion of Spanish-American Civilization and Culture or equivalent, to SPAN 3123, Spanish Civilization and Culture, or SPAN 3133, Spanish-American Civilization and Culture, or equivalent, and modify the course description; and (2) modify the course description of SPAN 5803, Film Theory, to allow course to be repeated after SPAN 4803 if the content differs.

✓ (e) Modify the Curriculum in Foreign Languages and the Curriculum in Foreign Languages with Concentration in Spanish for Teacher Licensure as follows: delete prescribed general education courses and allow any general education selection.

✓ (f) Modify the minor in Spanish to allow Add SPAN 3123, Spanish Civilization and Culture, or SPAN 3133, Spanish-American Civilization and Culture.

Department of History and Political Science

✓ (a) Delete the prerequisite: Minimum score of 19 on the English and Reading portions of the ACT or successful completion of ENGL 1013, Composition I, or equivalent for GEOG 2013, Regional Geography of the World.

No objections  
A new period 9/27/10 - 10/9/10

- (b) Delete the prerequisite: Minimum score of 19 on the English and Reading portions of the ACT or successful completion of ENGL 1013, Composition I, or equivalent for HIST 2003, United States History I.
- (c) Delete the prerequisite: Minimum score of 19 on the English and Reading portions of the ACT or successful completion of ENGL 1013, Composition I, or equivalent for HIST 2013, United States History II.
- (d) Delete the prerequisite: HIST 2003, United States History I, and HIST 2013, United States History II, for HIST 2153, Introduction to Arkansas History.
- (e) Delete the prerequisite: Minimum score of 19 on the English and Reading portions of the ACT or successful completion of ENGL 1013, Composition I, or equivalent for POLS 2003, American Government.

#### Department of Management and Marketing

- (a) Change the co-requisites for MGMT 4083, Business Policy, from FIN 3063, Business Finance, and MGMT 3103, Operations Management, to prerequisite: MGMT 3103, Operations Management, co-requisite: FIN 3063, Business Finance, and modify the course description.

Old course description: (Additional prerequisites for 3000 and 4000 level courses are listed in the College of Business section of this catalog.) Each semester. Prerequisites: Senior standing and completion of all junior-level College of Business core courses except FIN 3063 and MGMT 3103, which may be taken concurrently. As the capstone course in the College of Business core, this course examines the application of strategic management processes, including top management's role in situational analysis, strategy selection, strategy implementation, and strategic control, under conditions of uncertainty.

New course description: (Additional prerequisites for 3000 and 4000 level courses are listed in the College of Business section of this catalog.) Each semester. Prerequisites: Senior standing and completion of all junior-level College of Business core courses except for FIN 3063. As the capstone course in the College of Business core, this course examines the application of strategic management processes, including top management's role in situational analysis, strategy selection, strategy implementation, and strategic control, under conditions of uncertainty.

- (b)  
- (a) In the Curriculum Management and Marketing Management Concentration, modify footnote 4 to require 9 hours of Behavioral electives.

Old foot note: <sup>4</sup>Three hour Behavioral elective must be taken from: MGMT 4023 (Human Resource Mgmt) or MGMT 4093 (Human Behavior) or MGMT 4213 (leadership) or MGMT 4223 (Leadership in Film, Hist, Lit.)

- ✓ New foot note: <sup>4</sup>Nine hours of Behavioral electives must be taken from: MGMT 4023 (Personnel/Human Resource Mgmt) or MGMT 4093 (Human Behavior/Organization) or MGMT 4213 (Business Leadership) or MGMT 4223 (Leadership in Art/Film/Hist/Lit)

#### Department of Mathematics

- (a) Change the prerequisite for MATH 2223, Quantitative Business Analysis, from prerequisite: MATH 1113, College Algebra, to completion of high school algebra I and II with a grade of 'C' or better and a score of 22 or higher on the mathematics portion of the ACTE exam or MATH 1113, College Algebra.
- (b) Change the co-requisite for MATH 3243, Differential Equations I, from co-requisite: MATH 2924, Calculus II, to a prerequisite.

#### Department of Mechanical Engineering

- (a) Correct typographical error in curriculum matrix for the Master's of Engineering program. Move MATH 5343, Partial Differential Equations, to the list titled "6 hours from".

Old matrix:

Common Core (12 hours):

MGMT 5203 - Project Management

SPH 5063 - Organizational Communication

MATH 5343 - Partial Differential Equations II

6 hours from:

MATH 5103 - Linear Algebra II

MATH 5153 - Applied Statistics II

MATH 5273 - Complex Variables

MATH 5243 - Differential Equations II

New matrix:

Common Core (12 hours):

MGMT 5203 - Project Management

SPH 5063 - Organizational Communication

6 hours from:

MATH 5103 - Linear Algebra II

Graduate Catalog

MATH 5153 - Applied Statistics II  
MATH 5273 - Complex Variables  
MATH 5243 - Differential Equations II  
MATH 5343 - Partial Differential Equations II

Department of Physical Science

*putted*

(a) Change the prerequisites for CHEM 3324, Physical Chemistry I, from CHEM 3245, Quantitative Analysis, PHYS 2024, Physical Principles II, or 2124, General Physics II, MATH 2924, Calculus II; to prerequisites: CHEM 3254, Fundamentals of Organic Chemistry, PHYS 2114, General Physics I, MATH 2924, Calculus II; and modify the course description.

Old course description: Fall. Prerequisites: CHEM 3245, PHYS 2024, or 2124, MATH 2924. Upper division chemistry course designed for chemistry, physical science, and engineering majors desiring a deeper understanding of the physical and mathematical processes of chemistry. Course content includes ideal and non-ideal gases, laws of thermodynamics, enthalpy, heat capacity, free energy, Maxwell's relations, chemical and phase equilibria, electrochemical equilibria, fugacities, activity coefficients, mixtures, colligative properties, surfaces. Lecture three hours, laboratory three hours. \$10 laboratory fee.

New course description: Fall. Prerequisites: CHEM 3254, PHYS 2114, MATH 2924. A junior-level chemistry course required for all chemistry majors. Physical chemistry serves as a pre-requisite for upper-division undergraduate and graduate-level courses in chemistry. Course content includes ideal and non-ideal gases, the laws of thermodynamics, enthalpy, entropy, heat capacity, free energy, Maxwell's relations, phase equilibria, activities and fugacities, colligative properties, chemical equilibria, electrochemistry, kinetic theory of gases, classical kinetics and mechanisms, intro to dynamics. Lecture three hours, laboratory three hours. \$10 laboratory fee.

*putted*

(b) Modify the course description for CHEM 3334, Physical Chemistry II.

Old course description: Spring. Prerequisite: CHEM 3324. Continuation of CHEM 3324 (Physical Chemistry I). Upper division chemistry course designed for chemistry, physical science and engineering majors desiring a deeper understanding of the physical and mathematical processes of chemistry. Course content includes chemical kinetics and reaction mechanisms, molecular collisions, transition state theory, quantum mechanics, electronic

structure of atoms and diatomic molecules, molecular spectroscopy, solid-state chemistry. Lecture three hours, laboratory three hours. \$10 laboratory fee.

New course description: Spring. Prerequisite: CHEM 3324. Upper division chemistry course required for all Professional chemistry majors. Continuation of CHEM 3324 (Physical Chemistry I). Course content includes a traditional approach to quantum mechanics (early and modern quantum theory); wave mechanics and the Schrodinger wave equation; valence bond theory, molecular orbital (MO) theory and computational chemistry; group theory, molecular symmetry with chemical applications including MO theory; vibrational spectroscopy, rotational spectroscopy. Lecture three hours, laboratory three hours. \$10 laboratory fee.

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

- ✓(a) Change the title of ART/JOUR 4163/5163, Advanced Photography and Video, to Advanced Photography, and modify the course description.

Old course description: Prerequisite: JOUR (ART) 1163 or consent of instructor. An introduction to advanced photographic techniques including digital photography and nonlinear editing. Various historic and current theories of visual journalism provide a substantive base for the application of techniques.

New course description: Prerequisite: JOUR (ART) 1163 or consent of instructor. An introduction to advanced photographic techniques including digital photography. Various historic and current theories of visual communication provide a substantive base for the application of techniques.

- ✓(b) Modify the course description for JOUR 3114, News Editing.

Old course description: Prerequisite: JOUR 2143, 3143. A study of copy reading, headline writing, makeup, and problems and policies of editing the news. Three hours lecture, two hours laboratory arranged.

New course description: Prerequisite: JOUR 2143, 3143. A study of copy reading, headline writing, design, and problems and policies of editing the news. Three hours lecture, two hours laboratory arranged.

- ✓(c) Change the title of JOUR 3193, Television News Production, to New Media News Gathering, change the prerequisite JOUR 3143, News Reporting to JOUR 3183, Broadcast News Writing, and modify the course description.

Old course description: Prerequisite: JOUR 2143 or 3143 or consent of instructor. Study and practice in directing and producing television news programs, including experience in announcing, preparing scripts and video tape, and operating cameras and other studio equipment. One hour lecture, three hours laboratory.

New course description: Prerequisite: JOUR 2143, JOUR 3183 or consent of instructor. Study and practice in producing news packages, including training and experience in new and traditional news gathering, preparing scripts and digital video, and operating cameras, editing decks, and other studio and field equipment.

- (d) Change the title of JOUR 4083/5083, New Communication/Technology, to Computer Mediated Communication, and modify the course description.

Old course description: A study of and practice in the use of the developing technology in mass communication, including the social, legal, and economic effects.

New course description: A study of communication processes in the Digital Age. Discussions and content will include contemporary emerging communication technologies and exploration into the impact those technologies have and will likely have on an individual and diverse social communities.

- ✓ (e) Change the title of JOUR 4133, Television Program Production, to Television News Production, delete the prerequisite option of JOUR 3183, Broadcast News Writing, and modify the course description.

Old course description: Prerequisite: JOUR 3183 or 3193 or consent of instructor. Study and practice in writing, editing, and producing dramatic, musical and documentary programs for television, including experience in writing and editing scripts, making and editing videotape, and operating cameras and other studio equipment for non news programs, with each student producing a program during the semester. One hour class, three hours laboratory.

New course description: Prerequisite: JOUR 3193 or consent of instructor. Study and practice in shooting, writing, editing, and producing news, sports, and feature packages. Stories will be aired during live news programming on Tech TV and placed in student video portfolios. Practical experience will focus on operating field and studio gear, including digital cameras and editing decks, and use of new media news gathering equipment.

*pullled*

(f) Delete SPH 5003, Human Communication Theory, as a prerequisite for JOUR 6053, Media and Society.

*pullled*

(g) Delete JOUR 5163, Advanced Photography and Video, as a prerequisite for JOUR 6133, Multimedia Publishing.

## Tammy Rhodes

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**From:** Mary Ann Rollans [mrollans@atu.edu]  
**Sent:** Tuesday, September 21, 2010 9:19 AM  
**To:** 'Tammy Rhodes'  
**Cc:** 'Jennifer Saxton'  
**Subject:** Cosmetic Change for ECE  
**Attachments:** image001.jpg

I am requesting the following cosmetic change to be made in the curriculum for the AS in ECE:

For the Curriculum in ECE, delete WS 1002 from required activity. Allow any general education activity.  
Rationale: Since many students are unable to take WS 1002, this would eliminate amended audits.

ARKANSAS TECH



Dr. Mary Ann Rollans, Dean

Lake Point Conference Center at Arkansas Tech University  
College of Professional Studies and Community Outreach  
61 Lake Point Lane  
Russellville, AR 72802  
<http://lakepoint.atu.edu>  
[mrollans@atu.edu](mailto:mrollans@atu.edu)  
direct 479.968.0234  
fax 479.968.0205

✓  
11-8-10

Reviewed 9/27/10 -  
10/8/10  
No objections



**REQUEST FOR COSMETIC CHANGES**

Course Subject: LAT

Course Number: 1023

Official Title: Beginning Latin II

Request:

Add the necessary prerequisite to the course description as follows:

LAT 1023 Prerequisite: LAT 1013 or equivalent. A continuation of LAT 1013.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

This is simply an omission error in the catalog.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

*Reviewed 9/27/10 - 10/8/10  
no objections*

SEP 21 2010

**REQUEST FOR COSMETIC CHANGES**

Course Subject: SPAN

Course Number: 3223

Official Title: Short Story

Request:

REQUEST TO CHANGE NUMBER AND DESCRIPTION OF SPAN 3223 SHORT STORY as follows:

SPAN 4203 Short Story Prerequisite SPAN 3013 or permission of instructor. An analysis of Spanish-language short stories.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The M.A. in Spanish has been given three years by ADHE to increase its number of graduates. This course change is part of the overall program adjustments that will make it more possible for us to offer 4-5000 SPAN courses. This, in turn will provide M.A. in Spanish students more options and make it easier for them to move through the graduate program in a timely manner.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Because this is a required course, we have attached revised matrices for Spanish and Spanish Education.

This proposal has been reviewed by Dr. Bell, Head of Curriculum and Instruction, and his departmental approval form is attached.

*Reviewed 9/27/10 - 10/6/10  
no objections*

Outline in specific detail how your proposal will alter the program (include course number and title): Because these changes are so pervasive, we have reproduced the entire matrix below.

**Curriculum in Foreign Languages  
(B.A. Degree with Concentration in Spanish)**

Suggested Sequence of Courses			
Freshman Fall Semester		Freshman Spring Semester	
ENGL 1013 <sup>1</sup>	3	ENGL 1023 <sup>1</sup>	3
SPAN 2014 <sup>2,3</sup>	4	SPAN 2024 <sup>2,3</sup>	4
Mathematics <sup>1</sup>	3	Social Science <sup>1</sup>	3
Social Science <sup>1</sup>	3	Fine Arts <sup>1</sup>	3
Physical Activity <sup>1</sup>	2	Biological Science with lab <sup>1</sup>	4
Total Hours: 15		Total Hours: 17	
Sophomore Fall Semester		Sophomore Spring Semester	
Span 3003	3	SPAN 3013	3
Humanities <sup>1</sup>	3	SPAN 3023	3
Social Science <sup>1</sup>	6	Electives	9
Physical Science with lab <sup>1</sup>	4		
Total Hours: 16		Total Hours: 15	
Junior Fall Semester		Junior Spring Semester	
SPAN 3213	3	SPAN 3123 or 3133	3
SPAN 4203	3	Electives	12
Electives	9		
Total Hours: 15		Total Hours: 15	
Senior Fall Semester		Senior Spring Semester	
SPAN 4213	3	SPAN 4223	3
Electives	12	Electives	13
Total Hours: 15		Total Hours: 16	
Total Program Hours 124			

<sup>1</sup> See appropriate alternative or substitutions at General Education Requirements.

<sup>2</sup> Students with previous study in foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination.

<sup>3</sup> Lab attendance is required for beginning and intermediate language courses.

### Curriculum in Foreign Language with Concentration in Spanish For Teacher Licensure

Suggested Sequence of Courses			
Freshman Fall Semester		Freshman Spring Semester	
ENGL 1013 <sup>1</sup>	3	ENGL 1023 <sup>1</sup>	3
SPAN 2014 <sup>2, 3</sup>	4	SPAN 2024 <sup>2, 3</sup>	4
Mathematics <sup>1</sup>	3	Social Science <sup>1</sup>	3
Social Science <sup>1</sup>	3	Fine Arts <sup>1</sup>	3
Physical Activity <sup>1</sup>	2	Biological Science with lab <sup>1</sup>	4
Total Hours: 15		Total Hours: 17	
Sophomore Fall Semester		Sophomore Spring Semester	
SPAN 3003	3	SPAN 3013	3
Humanities <sup>1</sup>	3	SPAN 3023	3
Social Science <sup>1</sup>	3	SEED 2002	2
SPH 2003 or SPH 3083	3	SEED 3702 or EDMD 3013	2-3
Physical Science with lab <sup>1</sup>	4	Social Science <sup>1</sup>	3
		Electives	2-3
Total Hours: 16		Total Hours: 16	
Junior Fall Semester		Junior Spring Semester	
SPAN 3123 or 3133	3	SPAN 3143 or 3163	3
SPAN 3213	3	SPAN 4023	3
* SPAN 4203	3	SPAN 4223	3
SPAN 4213	3	SEED 4052	2
Seed 3552	2	Electives	3
Elective	1		
Total Hours: 15		Total Hours: 15	
Senior Fall Semester		Senior Spring Semester	
SPAN 4003	3	SPAN 4701	1
SPAN 4703	3	SEED 4503	3
SEED 4556	6	SEED 4909	9
Electives	3		
Total Hours: 15		Total Hours: 13	
Total Program Hours 124			

<sup>1</sup> See appropriate alternative or substitutions at General Education Requirements.

<sup>2</sup> Students with previous study in foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination.

<sup>3</sup> Lab attendance is required for beginning and intermediate language courses.

SEP 21 2010

**Arkansas Tech University**  
**DEPARTMENTAL SUPPORT FORM**

REQUEST TO CHANGE NUMBER AND DESCRIPTION OF SPAN 3223 SHORT STORY

Department Affected: Curriculum and Instruction	This department <input checked="" type="checkbox"/> supports <input type="checkbox"/> does not support the change.
Comments:	

Department Head Signature: David Bell

Date: 9-17-10

**REQUEST FOR COSMETIC CHANGES**

Course Subject: SPAN

5283 / 4283

Official Title: Seminar in Spanish

Request: Change this course's description so that students may repeat it if the course content differs.

Changed Catalog entry:

SPAN 5203 Seminar in Spanish. Selected topics on language, literature, or culture in the Americas and Spain. May be taken for credit after SPAN 4283 or SPAN 5283 if content differs.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The M.A. in Spanish has been given three years by ADHE to increase its number of graduates. This course change is part of the overall program adjustments that will make it more possible for us to offer the courses necessary for students to move through the program in a timely manner.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

No other departments or programs will be affected by this change.

*Reviewed 9/27/10 - 10/8/10  
No objection*

## REQUEST FOR COSMETIC CHANGES

Course Subject: SPAN

Course Number: 4803

Official Title: Latin American Film Theory

Request:

Change the title, prerequisite, and description as follows:

SPAN 4803 Film Theory. Prerequisite: SPAN 3123 or SPAN 3133 or equivalent. An introduction to Spanish-language film theory and major films.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The M.A. in Spanish has been given three years by ADHE to increase its number of graduates. This course change is part of the overall program adjustments that will make it more possible for us to offer 4-5000 SPAN courses. This, in turn will provide M.A. in Spanish students more options and make it easier for them to move through the graduate program in a timely manner.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

The cosmetic changes described here will have no affect on any other program or department.

*Reviewed 9/27/10 - 10/8/10  
No objections*

## REQUEST FOR COSMETIC CHANGES

Course Subject: SPAN

5803

Official Title:  
Film Theory

Request: Change this course's description so that students may repeat it at the graduate level after completing it on the undergraduate level if the course content differs.

Changed Catalog entry:

An introduction to Spanish-language film theory and major films. May be taken for credit after SPAN 4803 if content differs.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The M.A. in Spanish has been given three years by ADHE to increase its number of graduates. This course change is part of the overall program adjustments that will make it more possible for us to offer the courses necessary for students to move through the program in a timely manner.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

No other departments or programs will be affected by this change.

*Reviewed 9/27/10 - 10/8/10  
No objection.*



SEP 21 2010

**REQUEST FOR COSMETIC CHANGES**

Subject:

REQUEST ELIMINATION OF GENERAL EDUCATION PRESCRIPTIONS IN CURRICULUM IN FOREIGN LANGUAGE WITH CONCENTRATION IN SPANISH FOR TEACHER LICENSURE AND CURRICULUM IN FOREIGN LANGUAGE WITH CONCENTRATION IN SPANISH

Request:

Eliminate specific prescriptions for general education requirements and permit students to select from the full range of general education requirements listed in the catalog.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The rationale for prioritizing some general education choices over others is insufficient to justify adding hours to the degree programs of Spanish or Spanish Education majors who have completed alternative general education courses.

The University's general education options are carefully considered and all alternative choices can benefit Spanish Education and Spanish majors. Faculty will continue to be able to make suggestions regarding general education choices as part of the advising process.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Dr. Bell has reviewed this proposal's effect on the Spanish education program. A departmental support form from Curriculum and Instruction is attached.

*Reviewed 9/27/10 - 10/8/10  
No objections*

SEP 21 2010

Outline in specific detail how your proposal will alter the program. Because these changes are so pervasive, we have reproduced the entire matrix below.

**Curriculum in Foreign Languages  
(B.A. Degree with Concentration in Spanish)**

Suggested Sequence of Courses			
Freshman Fall Semester		Freshman Spring Semester	
ENGL 1013 <sup>1</sup>	3	ENGL 1023 <sup>1</sup>	3
SPAN 2014 <sup>2,3</sup>	4	SPAN 2024 <sup>2,3</sup>	4
Mathematics <sup>1</sup>	3	* Social Science <sup>1</sup>	3
* Social Science <sup>1</sup>	3	* Fine Arts <sup>1</sup>	3
Physical Activity <sup>1</sup>	2	Biological Science with lab <sup>1</sup>	4
Total Hours: 15		Total Hours: 17	
Sophomore Fall Semester		Sophomore Spring Semester	
* SPAN 3003	3	SPAN 3013	3
Humanities <sup>1</sup>	3	SPAN 3023	3
* Social Science <sup>1</sup>	6	Electives	9
Physical Science with lab <sup>1</sup>	4		
Total Hours: 16		Total Hours: 15	
Junior Fall Semester		Junior Spring Semester	
SPAN 3213	3	SPAN 3123 or 3133	3
SPAN 4203	3	Electives	12
Electives	9		
Total Hours: 15		Total Hours: 15	
Senior Fall Semester		Senior Spring Semester	
SPAN 4213	3	SPAN 4223	3
Electives	12	Electives	13
Total Hours: 15		Total Hours: 16	
Total Program Hours 124			

<sup>1</sup> See appropriate alternative or substitutions at General Education Requirements.

<sup>2</sup> Students with previous study in foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination.

<sup>3</sup> Lab attendance is required for beginning and intermediate language courses.

### Curriculum in Foreign Language with Concentration in Spanish For Teacher Licensure

Suggested Sequence of Courses			
Freshman Fall Semester		Freshman Spring Semester	
ENGL 1013 <sup>1</sup>	3	ENGL 1023 <sup>1</sup>	3
SPAN 2014 <sup>2,3</sup>	4	SPAN 2024 <sup>2,3</sup>	4
Mathematics <sup>1</sup>	3	* Social Science <sup>1</sup>	3
* Social Science <sup>1</sup>	3	* Fine Arts <sup>1</sup>	3
Physical Activity <sup>1</sup>	2	Biological Science with lab <sup>1</sup>	4
Total Hours: 15		Total Hours: 17	
Sophomore Fall Semester		Sophomore Spring Semester	
* SPAN 3003	3	SPAN 3013	3
* Humanities <sup>1</sup>	3	SPAN 3023	3
* Social Science <sup>1</sup>	3	SEED 2002	2
SPH 2003 or SPH 3083	3	SEED 3702 or EDMD 3013	2-3
Physical Science with lab <sup>1</sup>	4	* Social Science <sup>1</sup>	3
		Electives	2-3
Total Hours: 16		Total Hours: 16	
Junior Fall Semester		Junior Spring Semester	
SPAN 3123 or 3133	3	SPAN 3143 or 3163	3
SPAN 3213	3	SPAN 4023	3
SPAN 4203	3	SPAN 4223	3
SPAN 4213	3	SEED 4052	2
Seed 3552	2	Electives	3
Elective	1		
Total Hours: 15		Total Hours: 15	
Senior Fall Semester		Senior Spring Semester	
SPAN 4003	3	SPAN 4701	1
SPAN 4703	3	SEED 4503	3
SEED 4556	6	SEED 4909	9
Electives	3		
Total Hours: 15		Total Hours: 13	
Total Program Hours 124			

<sup>1</sup> See appropriate alternative or substitutions at General Education Requirements.

<sup>2</sup> Students with previous study in foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination.

<sup>3</sup> Lab attendance is required for beginning and intermediate language courses.

SEP 21 2010

**Arkansas Tech University**  
**DEPARTMENTAL SUPPORT FORM**

REQUEST ELIMINATION OF GENERAL EDUCATION PRESCRIPTIONS IN CURRICULUM IN FOREIGN LANGUAGE WITH CONCENTRATION IN SPANISH FOR TEACHER LICENSURE AND CURRICULUM IN FOREIGN LANGUAGE WITH CONCENTRATION IN SPANISH.

Department Affected: Curriculum and Instruction	This department <input checked="" type="checkbox"/> supports <input type="checkbox"/> does not support the change.
Comments:	

Department Head Signature:

Date: 9-17-10

✓ 11-10-10

### REQUEST FOR COSMETIC CHANGES

Subject: Spanish Minor

Course Number:

Official Title:

Request:

Change the final course requirement listed in the Spanish minor to read:

SPAN 3123 Spanish Civilization and Culture or SPAN 3133 Spanish-American Civilization and Culture

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Outcome assessments (Culture Knowledge Project) used in these two civilization and culture courses indicate that students gain similar linguistic skills and cultural awareness.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

This change will not affect any particular department or program

Reviewed 9/27/10 - 10/8/10  
No objection

## REQUEST FOR COSMETIC CHANGES

Course Subject: **GEOG**

Course Number: **2013**

Official Title: **Regional Geography of the World**

Request: **Eliminate prerequisite that requires students to have a minimum ACT score of 19 in English and Reading or successful completion of ENGL 1013 or equivalent.**

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**Institutional research reports comparing this class prior to the addition of the prerequisite to this class after the addition of the prerequisite indicate that prerequisite requirements have not significantly altered student success or retention rates. No comparable institution that we researched, including the University of Arkansas, Arkansas State University, Delta State University, and Murray State University required a prerequisite for this or equivalent courses.**

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

**Eliminating the prerequisite will allow students more flexibility in choosing to take this course in a given semester and potentially open enrollment to a greater number of students in this course. It should have no substantial effect on other departments.**

*Reviewed 9/27/10 - 10/8/10  
No objections*

**REQUEST FOR COSMETIC CHANGES**

Course Subject: **HIST**

Course Number: **2003**

Official Title: **United States History I**

Request: **Eliminate prerequisite that requires students to have a minimum ACT score of 19 in English and Reading or successful completion of ENGL 1013 or equivalent.**

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**Institutional research reports comparing this class prior to the addition of the prerequisite to this class after the addition of the prerequisite indicate that prerequisite requirements have not significantly altered student success or retention rates. No comparable institution that we researched, including the University of Arkansas, Arkansas State University, Delta State University, and Murray State University required a prerequisite for this or equivalent courses.**

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

**Eliminating the prerequisite will allow students more flexibility in choosing to take this course in a given semester and potentially open enrollment to a greater number of students in this course. It should have no substantial effect on other departments.**

*Reviewed 9/27/18 - 10/8/18  
No objections*

## REQUEST FOR COSMETIC CHANGES

Course Subject: **HIST**

Course Number: **2013**

Official Title: **United States History II**

Request: **Eliminate prerequisite that requires students to have a minimum ACT score of 19 in English and Reading or successful completion of ENGL 1013 or equivalent.**

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**Institutional research reports comparing this class prior to the addition of the prerequisite to this class after the addition of the prerequisite indicate that prerequisite requirements have not significantly altered student success or retention rates. No comparable institution that we researched, including the University of Arkansas, Arkansas State University, Delta State University, and Murray State University required a prerequisite for this or equivalent courses.**

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

**Eliminating the prerequisite will allow students more flexibility in choosing to take this course in a given semester and potentially open enrollment to a greater number of students in this course. It should have no substantial effect on other departments.**

*Reviewed 9/27/10 - 10/5/10  
No objections*



## REQUEST FOR COSMETIC CHANGES

Course Subject: **HIST**

Course Number: **2153**

Official Title: **Introduction to Arkansas History**

Request: **Eliminate the prerequisite that requires students to take HIST 2003 or HIST 2013.**

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**Institutional research reports comparing this class prior to the addition of the prerequisite to this class after the addition of the prerequisite indicate that prerequisite requirements have not significantly altered student success or retention rates. No comparable institution that we researched, including the University of Arkansas, Arkansas State University, and the University of Central Arkansas, required a prerequisite for this or equivalent courses.**

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

**Eliminating the prerequisite will allow students more flexibility in choosing to take this course in a given semester and potentially open enrollment to a greater number of students in this course. It should have no substantial effect on other departments.**

*Reviewed 9/27/10 - 10/8/10  
No objections*

**REQUEST FOR COSMETIC CHANGES**

Course Subject: **POLS**

Course Number: **2003**

Official Title: **American Government**

Request: **Eliminate prerequisite that requires students to have a minimum ACT score of 19 in English and Reading or successful completion of ENGL 1013 or equivalent.**

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**Institutional research reports comparing this class prior to the addition of the prerequisite to this class after the addition of the prerequisite indicate that prerequisite requirements have not significantly altered student success or retention rates. No comparable institution that we researched, including the University of Arkansas, Arkansas State University, Delta State University, and Murray State University required a prerequisite for this or equivalent courses.**

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

**Eliminating the prerequisite will allow students more flexibility in choosing to take this course in a given semester and potentially open enrollment to a greater number of students in this course. It should have no substantial effect on other departments.**

*Reviewed 9/27/10 - 10/8/10  
No objections*

## REQUEST FOR COSMETIC CHANGES

Course Subject: MGMT

Course Number: 4083

Official Title: Business Policy

Request: Change the current co-requisites of MGMT 3103 to prerequisite and change the course description to read as follows:

“Each semester. Prerequisites: Senior standing and completion of all junior-level College of Business core courses. As the capstone course in the College of Business core, this course examines the application of strategic management processes, including top management’s role in situational analysis, strategy selection, strategy implementation, and strategic control, under conditions of uncertainty.”

Describe the evidence derived from your program assessment that justifies this change. The ETS Major Field Exam historically has been given at the end of the term in Business Policy. Operations is a subtest of the Major Field Exam. Students scored at the 51<sup>st</sup> percentile on the Operations portion of the ETS during the May 2010 assessment. In order to increase commitment to the measure, the ETS exam will now be given earlier in the term so that it may become part of the graded requirements of the Business Policy class. This means that the content of Operations will be assessed before it has been completed if it remains a co-requisite to Business Policy.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached. Not Applicable

*Reviewed 9/27/10 - 10/8/10  
No objection.*

## Tammy Rhodes

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**From:** Kevin Mason [kmason@atu.edu]  
**Sent:** Tuesday, May 25, 2010 5:19 PM  
**To:** curriculum@atu.edu  
**Cc:** 'Tammy Rhodes'  
**Subject:** FW: minor changes to new catalog

Please make the following change to the 2010/11 catalog:

College: Business

Department: Management and Marketing

Concentration: Management

Location in catalog: [http://www.atu.edu/academics/catalog/colleges/business/dept\\_manag\\_market.html](http://www.atu.edu/academics/catalog/colleges/business/dept_manag_market.html)

Change footnote #4 which currently reads:

Three hour Behavioral elective must be taken from: MGMT 4023 (Human Resource Mgmt) or MGMT 4093 (Human Behavior) or MGMT 4213 (leadership) or MGMT 4223 (Leadership in Film, Hist, Lit.)

To read:

Nine hours of Behavioral electives must be taken from: MGMT 4023 (Human Resource Mgmt) or MGMT 4093 (Human Behavior) or MGMT 4213 (leadership) or MGMT 4223 (Leadership in Film, Hist, Lit.)

If you have questions, please contact me.

Kevin Mason  
Head, Management and Marketing  
968-0492  
[kmason@atu.edu](mailto:kmason@atu.edu)

Reviewed 9/27/10 - 10/8/10  
No objections

## INSTRUCTIONS FOR UPDATING CATALOG FOR COSMETIC CHANGES

REQUEST FOR COSMETIC CHANGES	
Course Subject: MATH	Course Number: 2223
Official Title: Quantitative Business Analysis	
Request: Change prerequisites for the course to: Completion of high school algebra I and II with a grade of 'C' or better and a score of 22 or higher on the mathematics portion of the ACTE exam or MATH 1113.	
Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.	
If this change will affect other departments, a Departmental Support Form for each affected department must be included.	

*Reviewed 9/27/10 - 10/8/10  
No objection.*

## REQUEST FOR COSMETIC CHANGES

Course Subject: MATH

Course Number: 3243

Official Title: Differential Equations I

Request: The co requisite of MATH 2924 should a the prerequisite for the course. This may be a typo in the catalog.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

*Reviewed 9/27/10 - 10/8/10  
No objections*

## Tammy Rhodes

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**From:** John Krohn [jkrohn@atu.edu]  
**Sent:** Friday, May 14, 2010 3:51 PM  
**To:** curriculum@atu.edu  
**Subject:** Error in Graduate Catalog

*Graduate  
Catalog*

In the 2010-2011 Graduate Catalog on the Masters of Engineering page ([http://www.atu.edu/academics/catalog-graduate/programs/ms\\_eng\\_engineering.html](http://www.atu.edu/academics/catalog-graduate/programs/ms_eng_engineering.html)) under Degree Requirements the following is listed under "Common Core"

Common Core (12 hours)  
MGMT 5203 – Project Management  
SPH 5063 – Organizational Communications  
MATH 5343 – Partial Differential Equations  
6 hours from:  
MATH 5103 – Linear Algebra II  
MATH 5153 – Applied Statistics II  
MATH 5273 – Complex Variables  
MATH 5243 – Differential Equations II

The first MATH course listed, MATH 5343 – Partial Differential Equations, should be in the list of math courses below the "6 hours from:" line instead of being a stand-alone requirement. As listed, this makes the Common Core 15 hours (three classes listed plus 6 hours) instead of the intended 12 hours.

Hopefully this is considered "cosmetic" as this is the intent of changes submitted to, and approved by, the Graduate Council this past year.

John L. Krohn, Ph.D., P.E.  
Professor & Dept. Head  
Mechanical Engineering  
Arkansas Tech University  
(479) 968-0259

*Reviewed 9/27/10 - 10/8/10  
No objections*

*Paul J*

**REQUEST FOR COSMETIC CHANGES**

Course Subject:  
Chemistry

Course Number: CHEM 3324

Official Title:  
Physical Chemistry I

Request:  
Please change the catalogue description

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**CHEM 3324 Physical Chemistry I**

Fall. Prerequisites: CHEM 3254, PHYS 2114, MATH 2924. A junior-level chemistry course required for all chemistry majors. Physical chemistry serves as a pre-requisite for upper-division undergraduate and graduate-level courses in chemistry. Course content includes ideal and non-ideal gases, the laws of thermodynamics, enthalpy, entropy, heat capacity, free energy, Maxwell's relations, phase equilibria, activities and fugacities, colligative properties, chemical equilibria, electrochemistry, kinetic theory of gases, classical kinetics and mechanisms, intro to dynamics. Lecture three hours, laboratory three hours. \$10 laboratory fee.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.



*Fuller*

**REQUEST FOR COSMETIC CHANGES**

Course Subject:  
Chemistry

Course Number: CHEM 3334

Official Title:  
Physical Chemistry II

Request:  
Please change the catalogue description

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**CHEM 3334 Physical Chemistry II**

Spring. Prerequisite: CHEM 3324. Upper division chemistry course required for all Professional chemistry majors. Continuation of CHEM 3324 (Physical Chemistry I). Course content includes a traditional approach to quantum mechanics (early and modern quantum theory); wave mechanics and the Schrodinger wave equation; valence bond theory, molecular orbital (MO) theory and computational chemistry; group theory, molecular symmetry with chemical applications including MO theory; vibrational spectroscopy, rotational spectroscopy. Lecture three hours, laboratory three hours. \$10 laboratory fee.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

## Tammy Rhodes

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**From:** fhardcastle [fhardcastle@atu.edu]  
**Sent:** Monday, September 20, 2010 12:01 PM  
**To:** 'Tammy Rhodes'  
**Subject:** RE: Change Catalogue Descriptions for CHEM 3324 and CHEM 3334

Most one-year Physical Chemistry courses cover the following topics in the following order:

CHEM 3324  
Classical Thermodynamics  
Chemical Thermodynamics and Chemical Equilibria  
Kinetic Theory of Gases  
Chemical Kinetics and Mechanisms

CHEM 3334  
Quantum Mechanics (Early and Modern)  
Spectroscopy  
Molecular Orbital Theory  
Group Theory

In previous years I taught Chemical Kinetics and mechanisms during the second semester and have now moved this to first semester. Chemistry students who intend to go to graduate school will greatly benefit from Molecular Orbital Theory and Group Theory which has been added to CHEM 3334.

**From:** Tammy Rhodes [mailto:trhodes@atu.edu]  
**Sent:** Monday, September 20, 2010 10:40 AM  
**To:** 'fhardcastle'  
**Cc:** 'Robertson'  
**Subject:** RE: Change Catalogue Descriptions for CHEM 3324 and CHEM 3334

Dr. Hardcastle:

The Curriculum Committee has requested a brief statement on the cosmetic changes submitted regarding the section titled "Describe the evidence derived from your program assessment that justifies the change."

You can email me and I can insert it in the two changes. Thanks.

Tammy

Tammy Rhodes, Registrar  
Arkansas Tech University  
Office of the Registrar  
Doc Bryan Student Services Building, Suite 153  
1605 Coliseum Drive  
Russellville, AR 72301

Email: [trhodes@atu.edu](mailto:trhodes@atu.edu)  
Telephone: 479.968.0643  
Fax: 479.968.0683

11-10-10 ✓

ART/JOUR 4163/5163

Advanced Photography and Video

Request: Change the title of the course to "Advanced Photography" and the course description to remove discussions of videography.

- Old Description: Prerequisite: JOUR (ART) 1163 or consent of instructor. An introduction to advanced photographic techniques including digital photography and nonlinear editing. Various historic and current theories of visual journalism provide a substantive base for the application of techniques.
- New Description: Prerequisite: JOUR (ART) 1163 or consent of instructor. An introduction to advanced photographic techniques including digital photography. Various historic and current theories of visual communication provide a substantive base for the application of techniques.

Evidence: Based on journalism industry demands we will be separating photography and expanding video into distinct courses. In preparing industry ready students, the department has reviewed the curriculum and degree requirements for the School of Communication at Radford University, the School of Media Arts and Design at James Madison University and the Journalism and Mass Communication program at Murray State University. All programs have similar major hour requirements (35-36 hours) to our program's requirements (39 hours) and all utilize a convergent approach that integrates multimedia into all areas of specialization. Furthermore, all are regional public institutions similar to Arkansas Tech.

JOUR 3114

News Editing

Request: Change the course description.

- Old Description: Prerequisite: JOUR 2143, 3143. A study of copy reading, headline writing, makeup, and problems and policies of editing the news. Three hours lecture, two hours laboratory arranged.
- New Description: Prerequisite: JOUR 2143, 3143. A study of copy reading, headline writing, design, and problems and policies of editing the news. Three hours lecture, two hours laboratory arranged.

Evidence: Based on journalism industry standards, the word makeup is no longer accurate and should instead be design.

JOUR 3193

Television News Production

Request: Change the title of the course to "New Media News Gathering" and the course description.

- Old Description: Prerequisite: JOUR 2143 or 3143 or consent of instructor. Study and practice in directing and producing television news programs, including experience in announcing, preparing scripts and video tape, and operating cameras and other studio equipment. One hour lecture, three hours laboratory.
- New Description: Prerequisite: JOUR 2143, JOUR 3183 or consent of instructor. Study and practice in producing news packages, including training and experience in new and traditional news gathering, preparing scripts and digital video, and operating cameras, editing decks, and other studio and field equipment.

Evidence: Based on journalism industry demands several changes have taken place in the process of gathering visual images for TV news. Three means in particular, skype, iphone imagery, and flip

11-10-10 ✓

All reviewed 9/22/10 - 10/8/10  
No objections

cameras, have been integrated with traditional news gathering as ways of acquiring visual information. These changes are also in line with the curriculum and degree requirements for the School of Communication at Radford University, the School of Media Arts and Design at James Madison University and the Journalism and Mass Communication program at Murray State University. All programs have similar major hour requirements (35-36 hours) to our program's requirements (39 hours) and all utilize a convergent approach that integrates new media into areas of specialization. Furthermore, all are regional public institutions similar to Arkansas Tech.

### ✓ JOUR 4083/5083

New Media Communication/Technology

Request: Change the title of the course to "Computer Mediated Communication" and the course description.

- Old Description: A study of and practice in the use of the developing technology in mass communication, including the social, legal, and economic effects.
- New Description: A study of communication processes in the Digital Age. Discussions and content will include contemporary emerging communication technologies and exploration into the impact those technologies have and will likely have on an individual and diverse social communities.

Evidence: Based on journalism industry demands, the course will discuss how industry professionals appropriately and effectively communicate in recently developed media. These changes are also in line with the curriculum and degree requirements for the School of Communication at Radford University, the School of Media Arts and Design at James Madison University and the Journalism and Mass Communication program at Murray State University. All programs have similar major hour requirements (35-36 hours) to our program's requirements (39 hours) and all utilize a convergent approach that integrates new media into areas of specialization. Furthermore, all are regional public institutions similar to Arkansas Tech.

### ✓ JOUR 4133

Television Program Production

Request: Change the title of the course to "Television News Production" and the course description.

- Old Description: Prerequisite: JOUR 3183 or 3193 or consent of instructor. Study and practice in writing, editing, and producing dramatic, musical and documentary programs for television, including experience in writing and editing scripts, making and editing videotape, and operating cameras and other studio equipment for non news programs, with each student producing a program during the semester. One hour class, three hours laboratory.
- New Description: Prerequisite: JOUR 3193 or consent of instructor. Study and practice in shooting, writing, editing, and producing news, sports, and feature packages. Stories will be aired during live news programming on Tech TV and placed in student video portfolios. Practical experience will focus on operating field and studio gear, including digital cameras and editing decks, and use of new media news gathering equipment.

Evidence: Based on journalism industry demands, the course will become the capstone of the broadcast journalism emphasis. Course will serve as natural discipline progression from training received in prerequisite, JOUR 3193. These changes are also in line with the curriculum and degree requirements for the School of Communication at Radford University, the School of Media Arts and Design at James Madison University and the Journalism and Mass Communication program at Murray State University.

All programs have similar major hour requirements (35-36 hours) to our program's requirements (39 hours) and all utilize a convergent approach that integrates new media into areas of specialization. Furthermore, all are regional public institutions similar to Arkansas Tech.

JOUR 6053

Media and Society

Request: Remove SPH 5003 as the prerequisite for the course.

Evidence: The graduate Masters of Multimedia Journalism degree will no longer require SPH 5003 as part of its curriculum.

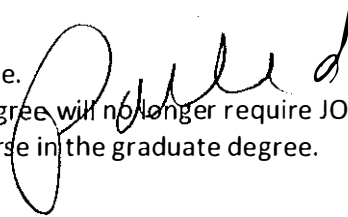
A handwritten signature in black ink, appearing to read "Paul D", is written over the right side of the first section's text.

JOUR 6133

Multimedia Publishing

Request: Remove JOUR 5163 as the prerequisite for the course.

Evidence: The graduate Masters of Multimedia Journalism degree will no longer require JOUR 5163 as part of its curriculum. JOUR 5163 will become an elective course in the graduate degree.

A handwritten signature in black ink, appearing to read "Paul D", is written over the right side of the second section's text.

**Arkansas Tech University**  
**DEPARTMENTAL SUPPORT FORM**

Request to update course title for ART/JOUR 4163/5163 to Advanced Photography (from Advanced Photography and Video) and remove video content from course description.

Department Affected: Art	This department <input checked="" type="checkbox"/> supports <input type="checkbox"/> does not support the change.
Comments:	

Department Head Signature: Anthony Caldwell  
Date: 9-10-10

No per Dr Watson

### REQUEST FOR COSMETIC CHANGES

Course Subject: CSP

Course Number: 1013

Official Title: Principles of Collegiate Success

Request: Open the CSP 1013 course to non-freshmen without Vice President approval. Currently students with more than 30 hours require the Vice President of Academic Affairs' approval to enroll in CSP 1013.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

When CSP 1013 was approved in the Spring of 2004 some faculty were concerned that upper classmen would enroll in the course to earn an easy "A". Since the class has been offered data has indicated that the average grade in the course is a "C". Monitoring the enrollment of non-freshmen in CSP 1013 is a time consuming manual process. All non-freshmen wanting to take CSP 1013 have had to discuss their academic record and their need for taking the course prior to receiving approval to enroll. The chart below indicates the number of non-freshmen who have been approved to take the course. These students have been approved by the CSP Program Director, their academic advisor, and ultimately by the Vice President of Academic Affairs. The students have been advised to take the course by academic advisors and mentors because of poor academic performance, problems with poor study skills, exceptionally challenging academic schedules, being first semester college students with advanced credit, or being in danger of losing a scholarship. Additionally, non-freshmen on probation are encouraged to enroll in CSP 1013 by the Office of the Registrar who sends a flyer on the benefits of CSP 1013 to all students on probation.

Beginning with the Fall 2008 semester all incoming freshmen at ATU have been required to take a freshman orientation course during their first semester of enrollment. As a result of this requirement the CSP 1103 enrollment has significantly increased and we anticipate that fewer non-freshmen will be eligible to enroll in CSP 1013 in the future.

Semester	Enrollment	Number of Non-Freshmen	Percentage of Non-Freshmen
Fall 10	565*	14*	2%
FA 09	491	56	11%
FA 08	388	52	13%
FA 07	355	54	15%

\* Does not reflect enrollment in mid-term sections.

Can change to 45 hours w/ permission of student's major dept head and dept head of CSP. Has to be a cumulative proposal.

**If this change will affect other departments, a Departmental Support Form for each affected department must be attached. NA**



Catalog Year 2011-12

**Submission #2 COSMETIC CHANGES**

app 11-19-10

College of Professional Studies and Community Outreach

- ✓ (a) Modify the Curriculum in General Studies to clarify the emphasis block as follows:

Old emphasis block description: Foreign Language: 15-16 hours  
Any catalogue sequence of 4 foreign languages numbered 1014, 1024, 2014, and 2024 in the same foreign language, for a total of 16 hours. If the student begins the foreign language block on a more advanced level, the student must take 15 hours of the same foreign languages, excluding FR/GER/SPAN 3023.

New emphasis block description: Foreign Language: 16 hours  
Any catalogue sequence of 4 foreign languages numbered 1014, 1024, 2014, and 2024 in the same foreign language, for a total of 16 hours.

✓  
1-21-11  
Catalog

Department of Agriculture

- ✓ (a) (1) Change the title of **AGAS 4203, Animal Nutrition**, to Livestock and Poultry Nutrition, and (2) in the Curriculum in Agriculture Business Animal Science Option, delete the AGAS 3323, Poultry Nutrition, from the list of courses in footnote 3; and

- (b) Change the title of **AGAS 4303, Poultry Diseases**, to Livestock and Poultry Diseases.

Department of Art

- (a) Delete ART 3203, Typography and Layout, as a prerequisite for **ART 3223, Three Dimensional Graphic Design**:

Old course description: Prerequisite: ART 1503, ART 2213, ART 3203 and Sophomore Review. Studio problems in the design and presentation of 3 D advertising packaging and displays. Studio six hours. \$36 art fee.

New course description: Prerequisite: ART 1503, ART 2213, and Sophomore Review. Studio problems in the design and presentation of 3 D advertising packaging and displays. Studio six hours. \$36 art fee.

## Department of Electrical Engineering

- (a) Change the Prerequisite: MATH 1113, College Algebra, for **ELEG (MCEG) 1012, Introduction to Engineering**, to a Corequisite and modify the course description:

Old course description: Prerequisite: MATH 1113 or any higher level mathematics course. An introductory course to acquaint students with the technical and social aspects of engineering, the analytic approach to problem solving, measurements and calculations, including application of computer techniques. Lecture one hour, laboratory two hours.

New course description: Corequisite: MATH 1113 or any higher level mathematics course. An introductory course to acquaint students with the technical and ethical aspects of engineering, the analytic approach to problem solving, measurements and calculations. Two hours lecture/lab;

- (b) Change the Corequisite: MATH 2934, Calculus III, for **ELEG 2103, Electric Circuits I**, to MATH 3243, Differential Equations I:

Old course description: Corequisite: MATH 2934 or consent of instructor. An introduction to circuit theory and electrical devices. Topics include resistive circuits, independent and dependent sources; analysis methods, network theorems; RC and RL first order circuits, and RLC second order circuits. Lecture three hours.

New course description: Corequisite: MATH 3243 or consent of instructor. An introduction to circuit theory and electrical devices. Topics include resistive circuits, independent and dependent sources; analysis methods, network theorems; RC and RL first order circuits, and RLC second order circuits. Lecture three hours;

- (c) Remove the Prerequisite/Corequisite: MATH 3243, Differential Equations I, and add the Corequisite: ELEG 2111, Electric Circuits Lab, for **ELEG 2113, Electric Circuits II**:

Old course description: Prerequisite: ELEG 2103 or consent of instructor. Prerequisite/Corequisite MATH 3243. A continuation of ELEG 2103 covering phasor analysis, steady state power, complex network functions, frequency response, transformers, Laplace methods. Lecture three hours.

New course description: Prerequisite: ELEG 2103 or consent of instructor. Corequisite: ELEG 2111. A continuation of ELEG 2103 covering phasor analysis,

steady state power, complex network functions, frequency response, transformers, Laplace methods. Lecture three hours;

- (d) Change the Prerequisites: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, to Corequisites for **ELEG 2130, Digital Logic Design Lab**:

Old course description: Corequisite: ELEG 2134. Prerequisite: COMS 2803 or COMS 2104 or consent of instructor. Laboratory must be taken during the same semester as the lecture, ELEG 2134. A study of basic digital logic circuit design and implementation. Circuit schematic development utilizing computerized automated design tools. Computer modeling and simulation of digital systems. Emphasis will be placed on proper laboratory techniques, including data collection, data reduction, and report preparation. Laboratory three hours.

New course description: Corequisites: ELEG 2134 and COMS 2803 or COMS 2104 or consent of instructor. Laboratory must be taken during the same semester as the lecture, ELEG 2134. A study of basic digital logic circuit design and implementation. Circuit schematic development utilizing computerized automated design tools. Computer modeling and simulation of digital systems. Emphasis will be placed on proper laboratory techniques, including data collection, data reduction, and report preparation. Laboratory three hours;

- (e) Change the Prerequisites: COMS 2803, Programming in C, or COMS 2104, Foundations of Computer Programming I, to Corequisites for **ELEG 2134, Digital Logic Design**:

Old course description: Corequisite: ELEG 2130. Prerequisite: COMS 2803 or COMS 2104 or consent of instructor. Binary numbers and codes, Boolean algebra, combinational and sequential logic including: minimization techniques, memory systems, register transfers, control logic design, and state machines. Lecture three hours.

New course description: Corequisites: ELEG 2130 and COMS 2803 or COMS 2104 or consent of instructor. Binary numbers and codes, Boolean algebra, combinational and sequential logic including: minimization techniques, memory systems, register transfers, control logic design, and state machines. Lecture three hours.

- (f) Change the Prerequisite: ELEG 4103, Electronics II, to a Corequisite for **ELEG 4193, Electrical Design Project**:

Old course description: Prerequisites: ELEG 3003, 4103, ELEG(MCEG) 4202, senior standing and consent of instructor. An independent or group project in electrical engineering design. Where appropriate, a team approach will be employed. Emphasis will be placed on designing an electrical system or sub

system with due regard for: safety, environmental concerns, reliability, longevity, ease of manufacturing, maintainability, and cost effectiveness. A written and oral report are required.

**New course description:** Corequisite: ELEG 4103. Prerequisites: ELEG 3003 and ELEG(MCEG) 4202, senior standing and consent of instructor. An independent or group project in electrical engineering design. Where appropriate, a team approach will be employed. Emphasis will be placed on designing an electrical system or sub system with due regard for: safety, environmental concerns, reliability, longevity, ease of manufacturing, maintainability, and cost effectiveness. A written and oral report are required;

- (g) Change the Corequisite: ELEG 4103, Electronics II, for **ELEG 4202, Engineering Design**, to ELEG 3103, Electronic I:

**Old course description:** (ELEG majors) prerequisite: Senior standing and corequisite ELEG 4103. This course serves as the first part of a two course sequence in which the student completes a senior design project. Design methodologies and tools including real world design considerations such as environmental impact, engineering ethics, economics, safety, product costing and liability are introduced. Design for manufacture, project management, scheduling and proposal writing will be covered. Successful completion of this course shall require completion of a proposal for a senior design project being accepted by the faculty design project review process.

**New course description:** (ELEG majors) prerequisite: Senior standing and corequisite ELEG 3103. This course serves as the first part of a two course sequence in which the student completes a senior design project. Design methodologies and tools including real world design considerations such as environmental impact, engineering ethics, economics, safety, product costing and liability are introduced. Design for manufacture, project management, scheduling and proposal writing will be covered. Successful completion of this course shall require completion of a proposal for a senior design project being accepted by the faculty design project review process; and

- (h) In the Curriculum in Electrical Engineering, move courses in matrix as outlined in the request. ✓

#### Department of Foreign Languages and International Studies

- (a) Delete the A.I.L.P. from the prerequisites for **FR 6801, Cultural Immersion/Research**:

**Old course description:** Prerequisite: Enrollment in A.I.L.P. French Immersion Weekend and permission of instructor. Intensive study of French cultural

topics followed by individual research projects. May be repeated for credit if content varies.

New course description: Prerequisite: Enrollment in French Immersion Weekend and permission of instructor. Intensive study of French cultural topics followed by individual research projects. May be repeated for credit if content varies; and

- (b) In the Foreign Languages section of the catalog, change the section: All foreign language majors will be required to take the ACTFL Oral Proficiency Interview (OPI) prior to graduation and score at the ~~Advanced Low~~ Intermediate High level. The OPI fee is currently \$134. Each student is responsible for the cost of the exam.

✓  
1-21-11  
catalog

#### Department of History and Political Science

- (a) Modify the course description for **HIST 4153, History of Arkansas**, as follows:

Old course description: A study of the history of Arkansas from prehistoric times to the present, noting political, social, economic, and cultural trends. May not be taken for credit after completion of HIST 3153 nor repeated for credit as HIST 5153 or equivalent.

New course description: A study of the history of Arkansas from prehistoric times to the present, noting political, social, economic, and cultural trends. May not be taken for credit after completion of HIST 2153 nor repeated for credit as HIST 5153 or equivalent.

#### Department of Mechanical Engineering

- (a) Change the Prerequisite: MATH 1113, College Algebra, for **MCEG (ELEG) 1012, Introduction to Engineering**, to a Corequisite and modify the course description:

Old course description: Prerequisite: MATH 1113 or any higher level mathematics course. An introductory course to acquaint students with the technical and social aspects of engineering, the analytic approach to problem solving, measurements and calculations, including application of computer techniques. Lecture one hour, laboratory two hours.

New course description: Corequisite: MATH 1113 or any higher level mathematics course. An introductory course to acquaint students with the technical and ethical aspects of engineering, the analytic approach to problem solving, measurements and calculations. Two hours lecture/lab;

- (b) Delete the Corequisite MCEG 4433, Thermodynamics II, for **MCEG 4332, Thermal Systems Laboratory**:

Old course description: Prerequisites: MCEG 3313, 4403. Corequisites: MCEG 4433, 4443. Advanced laboratory experiments in heat transfer and thermal systems. Conduction, convection and radiation heat transfer phenomena, power and refrigeration cycle operation, psychrometrics. Lecture one hour, laboratory three hours.

New course description: Prerequisites: MCEG 3313, 4403. Corequisite: MCEG 4443. Advanced laboratory experiments in heat transfer and thermal systems. Conduction, convection and radiation heat transfer phenomena, power and refrigeration cycle operation, psychrometrics. Lecture one hour, laboratory three hours;

- (c) Delete the prerequisite MCEG 3442, Mechanical Laboratory I, for **MCEG 4442, Mechanical Laboratory II**; and modify the course description:

Old course description: Prerequisites: MCEG 3442 and 4403. A study of fluid mechanics, thermodynamics, and heat transfer experimentation techniques. Laboratory projects will be assigned with student responsibility for procedure development and test program implementation. Formal laboratory reports will be required. Lecture one hour, laboratory three hours.

New course description: Prerequisite: MCEG 4403. A study of fluid mechanics and thermodynamics experimentation techniques. Laboratory projects will be assigned with student responsibility for procedure development and test program implementation. Formal laboratory reports will be required. Lecture one hour, laboratory three hours; and

- 1-21-11 Catalog* (d) In the Curriculum in Mechanical Engineering, move courses in matrix as outlined in the request.

Department of Physical Science

- 1-21-11 Catalog* (a) (1) In the Curriculum in Chemistry General Option, move CHEM 3423, Descriptive Inorganic Chemistry, from Junior Spring to Junior Fall; and (2) Change the Prerequisite: CHEM 3264, Mechanistic Organic Chemistry, for

**CHEM 3423, Descriptive Inorganic Chemistry**, to Prerequisite: CHEM 2134, General Chemistry II:

Old course description: Prerequisite: CHEM 3264. Basic descriptive inorganic chemistry dealing in a systematic way with the elements and the structures, properties and reactions of their inorganic compounds. Topics range from coordination chemistry to organometallic chemistry to bioinorganic chemistry. Three hours of lecture.

New course description: Prerequisite: CHEM 2134. Basic descriptive inorganic chemistry dealing in a systematic way with the elements and the structures, properties and reactions of their inorganic compounds. Topics range from coordination chemistry to organometallic chemistry to bioinorganic chemistry. Three hours of lecture.

- (b) Change the Prerequisite: CHEM 3324, Physical Chemistry I, for **CHEM 4424, Advanced Inorganic Chemistry**, to Prerequisite: CHEM 3423, Descriptive Inorganic Chemistry:

Old course description: Spring. Prerequisite: CHEM 3324. CHEM 4424 is a senior level inorganic chemistry course. The course gives an overview of some of the many advanced areas of study in inorganic chemistry including atomic and molecular structure, acid-base chemistry, symmetry and group theory, coordination chemistry and organometallic chemistry. Lecture three hours, laboratory three hours. \$10 laboratory fee.

New course description: Spring. Prerequisite: CHEM 3423. CHEM 4424 is a senior level inorganic chemistry course. The course gives an overview of some of the many advanced areas of study in inorganic chemistry including atomic and molecular structure, acid-base chemistry, symmetry and group theory, coordination chemistry and organometallic chemistry. Lecture three hours, laboratory three hours. \$10 laboratory fee; and

- 1-21-11  
cat log* (c) Modify the Curriculum in Chemistry Professional Option as follows: add CHEM 3423, Descriptive Inorganic Chemistry, as a required course; and delete 3 hours of elective.

Department of Speech, Theatre, and Journalism

- (a) Delete SPH 5003, Human Communication Theory, as a prerequisite for **JOUR 6053, Media and Society**; and
- (b) Delete JOUR 5163, Advanced Photography and Video, as a prerequisite for **JOUR 6133, Multimedia Publishing**.

**REQUEST FOR COSMETIC CHANGES**

Subject: Foreign Language Emphasis Block in General Studies degree

**Request:**

Eliminate the confusing note in the description of the foreign language emphasis block so that the catalog text reads simply:

**Foreign Language: 16 hours** Any catalogue sequence of 4 foreign languages numbered 1014, 1024, 2014, and 2024 in the same foreign language, for a total of 16 hours.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The Registrar's Office brought the ambiguous current description to our attention while trying to work on a student's degree audit. This change will reflect our intentions with greater accuracy.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

A support form from the Department of Foreign Languages is attached.



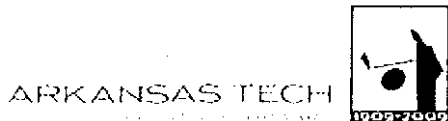
## Tammy Rhodes

---

**From:** Mary Ann Rollans [mrollans@atu.edu]  
**Sent:** Wednesday, October 06, 2010 3:18 PM  
**To:** 'Tammy Rhodes'  
**Subject:** FW: Foreign Language Emphasis block  
**Attachments:** image.jpg; Foreign Language Emphasis.doc

2 of 3

I concur with Dr. Brucker's assessment of the ambiguous language for the Foreign Language emphasis area in General Studies. I am requesting the revised description be considered a cosmetic change. I will forward Dr. Brucker's support form when I receive it.



Dr. Mary Ann Rollans, Dean

Lake Point Conference Center at Arkansas Tech University  
College of Professional Studies and Community Outreach  
61 Lake Point Lane  
Russellville, AR 72802  
<http://lakepoint.atu.edu>  
[mrollans@atu.edu](mailto:mrollans@atu.edu)  
direct 479.968.0234  
fax 479.968.0205

**From:** Carl Brucker [mailto:cbrucker@atu.edu]  
**Sent:** Wednesday, October 06, 2010 3:14 PM  
**To:** Mary Ann Rollans  
**Subject:** Re: Foreign Language Emphasis block

Mary Ann:

I prepared a Request for Cosmetic Change form to fix the ambiguous description of the foreign language emphasis, but as it is in your College, I think the request should come from you. Edit the form as you see fit. I have put a signed support form in the mail to you. Then you can send them both to Tammy Rhodes. I don't know if she will accept it as the October 1 deadline has passed, but it's worth a try.

--

Carl Brucker, Head  
Department of English  
Department of Foreign Languages  
Witherspoon 142  
Arkansas Tech University  
Russellville, AR 72801  
(479) 968-0484  
[cbrucker@atu.edu](mailto:cbrucker@atu.edu)

**From:** Mary Ann Rollans <[mrollans@atu.edu](mailto:mrollans@atu.edu)>  
**Date:** Wed, 06 Oct 2010 14:20:28 -0500  
**To:** Carl Brucker <[cbrucker@atu.edu](mailto:cbrucker@atu.edu)>  
**Subject:** RE: Foreign Language Emphasis block

I totally agree. I really thought that was how it was being handled already.



Dr. Mary Ann Rollans, Dean

Lake Point Conference Center at Arkansas Tech University  
College of Professional Studies and Community Outreach  
61 Lake Point Lane  
Russellville, AR 72802  
<http://lakepoint.atu.edu>  
[mrollans@atu.edu](mailto:mrollans@atu.edu)  
direct 479.968.0234  
fax 479.968.0205

**From:** Carl Brucker [<mailto:cbrucker@atu.edu>]  
**Sent:** Wednesday, October 06, 2010 12:56 PM  
**To:** Mary Ann Rollans  
**Subject:** Foreign Language Emphasis block

Mary Ann:

Brandi in the Registrar's Office just called regarding the description of the Foreign Language emphasis in the Professional Studies degree.

At present it reads:

**Foreign Language: 15-16 hours** Any catalogue sequence of 4 foreign languages numbered 1014, 1024, 2014, and 2024 in the same foreign language, for a total of 16 hours. If the student begins the foreign language block on a more advanced level, the student must take 15 hours of the same foreign languages, excluding FR/GER/SPAN 3023.

The requirement as stated here is unclear although I suspect it was originally intended to require students with advanced skills to take additional course work. I suggest that it be reworded as follows:

**Foreign Language: 16 hours** Any catalogue sequence of 4 foreign languages numbered 1014, 1024, 2014, and 2024 in the same foreign language, for a total of 16 hours.

Students who are able to start in a more advanced course and earn a C or better in the course are given credit for the previous courses in the sequence. I don't see why such students should be penalized by requiring them to take additional hours; moreover, this would discourage students from starting in the appropriate course.

What do you think?

--

Carl Brucker, Head  
Department of English  
Department of Foreign Languages  
Witherspoon 142  
Arkansas Tech University  
Russellville, AR 72801  
(479) 968-0484  
[cbrucker@atu.edu](mailto:cbrucker@atu.edu)

## REQUEST FOR COSMETIC CHANGES

Course Subject: Animal Science

Course Number: AGAS 4203

Official Title: Animal Nutrition

Request: <sup>①</sup> Change the name to: Livestock and Poultry Nutrition and remove AGAS 3323 Poultry Nutrition as a <sup>②</sup> course offering in the Animal Science Option (footnote 3).

*pec 1-21-11 catalog*

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Currently, information is being duplicated between the current Animal Nutrition and Poultry Nutrition courses. Furthermore, the Poultry Nutrition course is not required by any major offered in the department nor does its content include vital student learning information that is not found elsewhere in the Animal Science option of the curriculum. Removing AGAS 3323 eliminates advising confusion and allocates departmental resources toward an essential course. By also changing the name of AGAS 4203 to Livestock and Poultry Nutrition, the new course title best reflects the ongoing content of the course as it has typically been taught. Neither the curriculum nor course content will be affected by this proposal. Overall, this change clarifies advising for students as they progress through the program.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

These changes will not affect any other department.

## REQUEST FOR COSMETIC CHANGES

Course Subject: Animal Science

Course Number: AGAS 4303

Official Title: Poultry Diseases

Request: Change the Title to: Livestock and Poultry Diseases

The Poultry Diseases course is not required in any option offered in the Agriculture Department. With no option requirement the number of students that enroll is small with just a poultry emphasis. However, the addition of livestock will make this course more appealing to other students in the department including the pre-vet students.

This change will have no affect on any other department.

## REQUEST FOR COSMETIC CHANGES

Course Subject: ART

Course Number:3223

Official Title Three Dimensional Graphic Design

Request:

Eliminate Art 3203 Typography and Layout as prerequisite in course description.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Art courses 3203 and 3223 are only offered during the Fall Semester. Currently, this is creating an unnecessary backup of a year for students to complete course work and as software has changed, it has become unnecessary for 3203 to be prerequisite.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

NA

## Tammy Rhodes

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**From:** Cathy Caldwell [ccaldwell@atu.edu]  
**Sent:** Wednesday, November 03, 2010 3:22 PM  
**To:** 'Tammy Rhodes'  
**Cc:** 'Carey Roberts'; 'Lyn Brands'  
**Subject:** Cosmetic Change

Carey and Tammy:

**Note: Additional notation for Art 3223 Three Dimensional Design, eliminating Art 3203 Typography and Layout as prerequisite**

In addition to the rationale provided and *to respond to assessment commentary*, curriculum scope and sequence to include current staffing challenges will not allow for additional sections of Typography to be offered. The Typography course is focused on a broad base of type applications, with more application to 2-D layout than 3-D formats. The new software to be installed next semester (with application to 3-D graphics) is more user friendly and has merged 2-D and 3-D type applications, with more creative focus on developing type for multidimensional surface applications. The Typography class is still useful as prerequisite for other courses but not for course content for Art 3223.

I will be out of the office November 4/5 - if you have questions please contact Lyn Brands, instructor of the courses: [lbrands@atu.edu](mailto:lbrands@atu.edu) or call her at 968-0209. Thank you and we appreciate all of your assistance.

Cathy

*Dr. Cathy Caldwell  
Head and Professor of Art  
Department of Art  
Norman, Room 104  
203 W. Q Street  
Russellville, AR 72801  
479-968-0478*

## REQUEST FOR COSMETIC CHANGES

Course Subject:

ELEG

Course Number:

1012

Official Title:

Introduction to Engineering

Request:

Change the prerequisite listed to a co-requisite and make minor modifications to the course description.

Current:

**ELEG 1012**

**INTRO TO ENGINEERING**

~~Prerequisite:~~ MATH 1113 or any higher level mathematics course. An introductory course to acquaint students with the technical and social aspects of engineering, the analytic approach to problem solving, measurements and calculations, including application of computer techniques. Lecture one hour, laboratory two hours.

Proposed:

**ELEG 1012**

**INTRO TO ENGINEERING**

~~Corequisite:~~ MATH 1113 or any higher level mathematics course. An introductory course to acquaint students with the technical and ethical aspects of engineering, the analytic approach to problem solving, measurements and calculations. Two hours lecture/lab.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

This change will allow more students declaring engineering as a major but not enrolled in Calculus to take the class their first semester and better reflects the course as taught.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Mechanical Engineering will be submitting an identical request.

## REQUEST FOR COSMETIC CHANGES

Course Subject:  
ELEG

Course Number:  
2103

Official Title:  
Electric Circuits I

Request:  
Change the corequisite from MATH 2934 to MATH 3243.

Current  
**ELEG 2103**  
**ELECTRIC CIRCUITS I**

Corequisite: MATH 2934 or consent of instructor. An introduction to circuit theory and electrical devices. Topics include resistive circuits, independent and dependent sources; analysis methods, network theorems; RC and RL first order circuits, and RLC second order circuits. Lecture three hours.

Proposed:  
**ELEG 2103**  
**ELECTRIC CIRCUITS I**

Corequisite: MATH 3243 or consent of instructor. An introduction to circuit theory and electrical devices. Topics include resistive circuits, independent and dependent sources; analysis methods, network theorems; RC and RL first order circuits, and RLC second order circuits. Lecture three hours.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The last two chapters included in ELEG 2103 Electric Circuits I include solving differential equations. Students who are concurrently taking MATH 3243 have a better understanding of these last two chapters. The University of Arkansas Electrical Engineering Department lists Differential Equations as a concurrent course with Electric Circuits I. The following table illustrates the standardized assessment test administered to EE students in the senior year that assesses ELEG 2103 Electric Circuits I and ELEG 2113 Electric Circuits II. This change should improve these scores which are continually monitored.

### Circuits

Semester	Class	Global	Difference
052	42%	44%	-2%
057	28%	56%	-28%
067	40%	55%	-15%
072	46%	38%	8%
087	48%	52%	-4%
092	56%	58%	-2%
097	42%	44%	-2%
102	19%	52%	-33%

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

This change affects the Mathematics, Physical Science and Mechanical Engineering Depts.



## REQUEST FOR COSMETIC CHANGES

Course Subject:

ELEG

Course Number:

2113

Official Title:

Electric Circuits II

Request:

To remove the prerequisite/corequisite from MATH 3243 since it is proposed to be the corequisite for the prerequisite of this course (ELEG 2103). Also, to add the corequisite of ELEG 2111. The description of ELEG 2111 currently requires ELEG 2113 as a corequisite but students are allowed to register for ELEG 2113 without ELEG 2111 without a flag in Banner. When they take ELEG 2111 an override is granted to allow students to take the lab without repeating the course ELEG 2103.

### **ELEG 2113**

#### **ELECTRIC CIRCUITS II**

Prerequisite: ELEG 2103 or consent of instructor. Prerequisite/Corequisite MATH 3243. A continuation of ELEG 2103 covering phasor analysis, steady state power, complex network functions, frequency response, transformers, Laplace methods. Lecture three hours.

### **ELEG 2113**

#### **ELECTRIC CIRCUITS II**

Prerequisite: ELEG 2103 or consent of instructor. Corequisite: ELEG 2111. A continuation of ELEG 2103 covering phasor analysis, steady state power, complex network functions, frequency response, transformers, Laplace methods. Lecture three hours.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

During our accreditation visit, it was noted by our evaluators that students were routinely granted prerequisite/corequisite exceptions. This should reduce the number of these exceptions. The intention has always been that the ELEG 2111 and 2113 be taken concurrently as presented in the course description for the lab. Additionally, courses in the School of Natural and Health Sciences and Electrical Engineering Courses at most all institutions including the University of Arkansas require concurrent course and associated labs.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

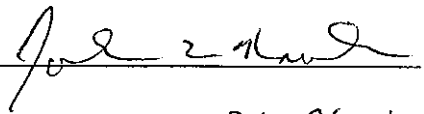
This change will affect the Physical Sciences and Mechanical Engineering Departments.

**Arkansas Tech University**  
**DEPARTMENTAL SUPPORT FORM**

*Changes to:*  
*ELEG 2103*  
*ELEG 2113*  
*pac*

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

Department Affected: Mechanical Engineering	This department <input checked="" type="checkbox"/> supports <input type="checkbox"/> does not support the change.
Comments:	

Department Head Signature:   
Date: 9/28/10

**Arkansas Tech University**  
**DEPARTMENTAL SUPPORT FORM**

*Changes to  
ECE 6 2103  
ECE 6 2113  
mu*

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

Department Affected: Mathematics	This department <input checked="" type="checkbox"/> supports <input type="checkbox"/> does not support the change.
Comments:	

Department Head Signature: Thou-Lip

Date: 9/28/10

**Arkansas Tech University**  
**DEPARTMENTAL SUPPORT FORM**

*Changes to:*  
*ELEG 2103*  
*ELEG 2113*  
*per*

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:  Changes to ELEG 2103, 2113 are supported.	

Department Head Signature: *J. W. Rata*  
Date: 2010  
Sept 28

## REQUEST FOR COSMETIC CHANGES

Course Subject:  
ELEG

Course Number:  
2130

Official Title:  
Digital Logic Design Lab

Request: Change the Prerequisite: COMS 2803 or COMS 2104 or consent of instructor to Corequisite: COMS 2803 or COMS 2104 or consent of instructor.

**ELEG 2130**

**DIGITAL LOGIC DESIGN LAB**

Corequisite: ELEG 2134. Prerequisite: COMS 2803 or COMS 2104 or consent of instructor. Laboratory must be taken during the same semester as the lecture, ELEG 2134. A study of basic digital logic circuit design and implementation. Circuit schematic development utilizing computerized automated design tools. Computer modeling and simulation of digital systems. Emphasis will be placed on proper laboratory techniques, including data collection, data reduction, and report preparation. Laboratory three hours.

Proposed:

**ELEG 2130**

Corequisite: ELEG 2134. Corequisite: COMS 2803 or COMS 2104 or consent of instructor. Laboratory must be taken during the same semester as the lecture, ELEG 2134. A study of basic digital logic circuit design and implementation. Circuit schematic development utilizing computerized automated design tools. Computer modeling and simulation of digital systems. Emphasis will be placed on proper laboratory techniques, including data collection, data reduction, and report preparation. Laboratory three hours.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Over the last three semesters, the average grade for the students with the prerequisite was not statistically different from the average grade for the students who did not have the prerequisite. See the table below. The low average in the Spring 2010 semester was due to a student who dropped out of school but did not withdraw from the class.

Semester	Mean Score w/ prerequisite	Mean Score w/o prerequisite	t-test (Welch)	P value
Spring 2009	89.5	91.4	-0.3	0.8
Fall 2009	76.2	80.8	-0.6	0.57
Spring 2010	84.8	68.4	1.0	0.4

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

This change will affect the Computer and Information Science Department.

## REQUEST FOR COSMETIC CHANGES

Course Subject:  
ELEG

Course Number:  
2134

Official Title:  
Digital Logic Design ~~Lab~~

Request: Change the Prerequisite: COMS 2803 or COMS 2104 or consent of instructor to Corerequisite: COMS 2803 or COMS 2104 or consent of instructor.

Current:

**ELEG 2134**

**DIGITAL LOGIC DESIGN**

Corequisite: ELEG 2130. Prerequisite: COMS 2803 or COMS 2104 or consent of instructor. Binary numbers and codes, Boolean algebra, combinational and sequential logic including: minimization techniques, memory systems, register transfers, control logic design, and state machines. Lecture three hours.

Proposed:

**ELEG 2134**

**DIGITAL LOGIC DESIGN**

Corequisite: ELEG 2130. Corequisite: COMS 2803 or COMS 2104 or consent of instructor. Binary numbers and codes, Boolean algebra, combinational and sequential logic including: minimization techniques, memory systems, register transfers, control logic design, and state machines. Lecture three hours.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Rationale for Change:

Over the last three semesters, the average grade for the students with the prerequisite was not statistically different from the average grade for the students who did not have the prerequisite. See the table below. The low average in the Spring 2010 semester was due to a student who dropped out of school but did not withdraw from the class.

Semester	Mean Score w/ prerequisite	Mean Score w/o prerequisite	t-test (Welch)	P value
Spring 2009	89.5	91.4	-0.3	0.8
Fall 2009	76.2	80.8	-0.6	0.57
Spring 2010	84.8	68.4	1.0	0.4

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

This change will affect the Computer and Information Science Department.

**Arkansas Tech University**  
**DEPARTMENTAL SUPPORT FORM**

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

Department Affected:  Computer and Information Science	This department <input checked="" type="checkbox"/> supports <input type="checkbox"/> does not support the change.
Comments:  <i>Changes to ELEG 2130 + 2134 per</i>	

Department Head Signature: *Don Polina*

Date: 10-1-10

## REQUEST FOR COSMETIC CHANGES

Course Subject:

ELEG

Course Number:

4193

Official Title:

Electrical Design Project

Request:

To change the Prerequisite of ELEG 4103 to a Corequisite.

### **ELEG 4193**

#### **ELEC DESIGN PROJECT**

Prerequisites: ELEG 3003, 4103, ELEG(MCEG) 4202, senior standing and consent of instructor. An independent or group project in electrical engineering design. Where appropriate, a team approach will be employed. Emphasis will be placed on designing an electrical system or sub system with due regard for: safety, environmental concerns, reliability, longevity, ease of manufacturing, maintainability, and cost effectiveness. A written and oral report are required.

### **ELEG 4193**

#### **ELEC DESIGN PROJECT**

~~Corequisite: ELEG 4103~~, Prerequisites: ELEG 3003, ELEG(MCEG) 4202, senior standing and consent of instructor. An independent or group project in electrical engineering design. Where appropriate, a team approach will be employed. Emphasis will be placed on designing an electrical system or sub system with due regard for: safety, environmental concerns, reliability, longevity, ease of manufacturing, maintainability, and cost effectiveness. A written and oral report are required.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Although the prerequisite of ELEG 4103 Electronics II is an ideal situation, using this course delays graduation for an additional semester or two for some students. ELEG 4202 and ELEG 4193 are on the critical path for graduation. Currently, we have waived the pre-requisite rather than having students remain an additional semester or two for this course sequence.

There were 5 electrical engineering students this semester who requested overrides or their graduation would be delayed for a semester or two for the ELEG 4202 and 4193 two course sequence.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

This change will not affect other departments.



## REQUEST FOR COSMETIC CHANGES

Course Subject:  
ELEG 4202

Course Number:  
4202

Official Title:  
Engineering Design

Request: To change the corequisite to ELEG 3103.

Current:

**ELEG 4202**

**ENGINEERING DESIGN**

(ELEG majors) prerequisite: Senior standing and corequisite ~~ELEG 4103~~. This course serves as the first part of a two course sequence in which the student completes a senior design project. Design methodologies and tools including real world design considerations such as environmental impact, engineering ethics, economics, safety, product costing and liability are introduced. Design for manufacture, project management, scheduling and proposal writing will be covered. Successful completion of this course shall require completion of a proposal for a senior design project being accepted by the faculty design project review process.

Proposed:

**ELEG 4202**

**ENGINEERING DESIGN**

(ELEG majors) prerequisite: Senior standing and corequisite ~~ELEG 3103~~. This course serves as the first part of a two course sequence in which the student completes a senior design project. Design methodologies and tools including real world design considerations such as environmental impact, engineering ethics, economics, safety, product costing and liability are introduced. Design for manufacture, project management, scheduling and proposal writing will be covered. Successful completion of this course shall require completion of a proposal for a senior design project being accepted by the faculty design project review process.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Although the corequisite of ELEG 4103 Electronics II is an ideal situation, using this course delays graduation for a year for some students. ELEG 4202 is on the critical path for graduation. Currently, we have waived the pre-requisite rather than having students remain an additional semester or two for this course sequence.

There were 5 electrical engineering students this semester who requested overrides or their graduation would be delayed for a semester or two for the ELEG 4202 and 4193 two course sequence.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

This change will not affect other departments.

*Note: this course is crosslisted as MCEG 4202. Mechanical Engr majors have a different prerequisite listed for that course.*  
*Pat*

# Curriculum in Electrical Engr 1 of 3

## REQUEST FOR COSMETIC CHANGES

Course Subject: ELEG	Course Number: 3133
-------------------------	------------------------

Official Title:  
Microprocessor System Design

Request:  
To move the course 1 semester earlier in the course matrix.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

This course requires extensive use of COMS 2803 Programming in C or COMS 2104 Foundations of Computer Programming I. This change in addition to moving COMS 2803 or COMS 2104 as co-requisite of ELEG 2130 and ELEG 2130 Digital Logic to the 2<sup>nd</sup> semester of the EE Program will allow better recall of Programming in C.

The 13 students currently enrolled in ELEG 3133 were surveyed and asked the following question with the results:

It would be helpful if COMS 2803 Programming in C or COMS 2104 Foundations of Computer Programming were taken the semester prior to ELEG 3133 Microprocessor System Design rather than waiting approximately a year.

# of Students	% of Students	Answer
0	0.0%	Strongly Disagree
1	7.7%	Disagree
0	0.0%	Undecided
3	23.1%	Agree
9	69.2%	Strongly Agree

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

No other departments will be affected by this change.

2 of 3  
 ✓ 1-2-11  
 catalog

To accommodate the preceding cosmetic changes, the following is the proposed curriculum matrices:

Fall Start Curriculum Matrix for Catalog Curriculum in <u>ELECTRICAL ENGINEERING: TRADITIONAL OPTION</u> (enter title for program changing )	
Freshman Fall Semester Add/Change: Social Science <sup>1,T</sup> CHEM 2124 <sup>T</sup>  Delete: COMS 2803 <sup>T</sup> Biological Science <sup>1,T</sup>  Total Hours: 16	Freshman Spring Semester Add/Change: COMS 2803 <sup>T</sup> Physical Activity <sup>1,T</sup>  Delete: CHEM 2124 <sup>T</sup>  Total Hours: 15
Sophomore Fall Semester Add/Change: ELEG 3133  Delete: Fine Arts <sup>1,T</sup>  Total Hours: 16	Sophomore Spring Semester Add/Change: Fine Arts <sup>1,T</sup>  Delete: ELEG 3133  Total Hours: 16
Junior Fall Semester Add/Change:  Delete:  Total Hours: 18	Junior Spring Semester Add/Change: Biological Science <sup>1,T</sup>  Delete: Social Science <sup>1,T</sup> Physical Activity <sup>1,T</sup>  Total Hours: 17
Senior Fall Semester Add/Change:  Delete:  Total Hours: 17	Senior Spring Semester Add/Change:  Delete:  Total Hours: 15

**Please remove the following sentence between the fall and spring start matrices.** “A computer engineering option of the electrical engineering program will be available for enrollment by students in the fall of 2010.”

3 of 3 ✓  
1-21-11  
catalog

Spring Start (If applicable) Curriculum Matrix for Catalog Curriculum in <u>ELECTRICAL ENGINEERING: TRADITIONAL OPTION</u> (enter title for program changing )	
<b>Freshman Spring Semester</b> Add/Change: Social Science <sup>1,T</sup> CHEM 2124 <sup>T</sup>  Delete: COMS 2803 <sup>T</sup> Biological Science <sup>1,T</sup>  Total Hours: 16	<b>Freshman Fall Semester</b> Add/Change: COMS 2803 <sup>T</sup> Physical Activity <sup>1,T</sup>  Delete: CHEM 2124 <sup>T</sup>  Total Hours: 15
<b>Sophomore Spring Semester</b> Add/Change: ELEG 3133  Delete: Fine Arts <sup>1,T</sup>  Total Hours: 16	<b>Sophomore Fall Semester</b> Add/Change: Fine Arts <sup>1,T</sup>  Delete: ELEG 3133  Total Hours: 16
<b>Junior Spring Semester</b> Add/Change: Biological Science <sup>1,T</sup>  Delete: Social Science <sup>1,T</sup> Physical Activity <sup>1,T</sup>  Total Hours: 16	<b>Junior Fall Semester</b> Add/Change:  Delete:  Total Hours: 18
<b>Senior Spring Semester</b> Add/Change:  Delete:  Total Hours: 17	<b>Senior Fall Semester</b> Add/Change:  Delete:  Total Hours: 16
Total Program Hours <u>130</u>	

## Tammy Rhodes

---

**From:** Patricia Buford [pbuford@atu.edu]  
**Sent:** Wednesday, November 03, 2010 2:51 PM  
**To:** 'Tammy Rhodes'; 'Carey Roberts'  
**Subject:** RE: Cosmetic Changes

Dear Dr. Roberts and Mrs. Rhodes,

For the ELEG 3133 proposed cosmetic change there is additional assessment data and history. Dr. Castillo observed a weakness in the programming abilities of students in ELEG 3133 the two semesters of the 2009-10 school year. Other efforts have been made to improve the students' ability to learn and retain knowledge of Programming in C which is the COMS 2803 class. A meeting with the instructors of COMS 2803 occurred in August to relay our departmental concerns and request greater rigor in the course since it is primarily a support course for our department. Dr. Castillo also emailed the students registered for ELEG 3133 this fall during the summer and provided online materials that would improve their programming skills. Dr. Castillo administered a pre-requisite assessment exam to the ELEG 3133 this September and the mean score was 65%. (This data was not available at the time of the submission of the cosmetic changes.) Our only requested change for ELEG 3133 is to slide it to the semester immediately following the COMS 2803 pre-requisite class in the 8 semester matrix so that students might improve their retention of their programming skills.

Thanks for all the work you do to keep the EE ship afloat!

Pat

**From:** Tammy Rhodes [mailto:trhodes@atu.edu]  
**Sent:** Tuesday, November 02, 2010 11:45 AM  
**To:** 'Dr. Rollans'; mraineyjr@atu.edu; ccaldwell@atu.edu; 'Patricia Buford'; jwoods@atu.edu; jkrohn@atu.edu; jrobertson@atu.edu; 'Hanna Norton'  
**Subject:** Cosmetic Changes

Department Heads:

Please review comments in the attached file provided by Dr. Carey Roberts regarding Requests for Cosmetic Changes. Dr. Roberts noted, just because a change is rendered "cosmetic" does not alleviate using proper assessment and student learning data to justify the change.

For proposals needing additional assessment information to justify the change, please email me the information to be included with the request by Friday, November 5. I would like to post the proposals for the 2-week review on Monday, November 8.

Thanks.

Tammy

Tammy Rhodes, Registrar  
Arkansas Tech University  
Office of the Registrar  
Doc Bryan Student Services Building, Suite 153  
1605 Coliseum Drive  
Russellville, AR 72801

Email: [trhodes@atu.edu](mailto:trhodes@atu.edu)

## REQUEST FOR COSMETIC CHANGES

Course Subject: FR

Course Number: 6801

Official Title: Cultural Immersion / Research

**Request:**

Eliminate the outdated prerequisite reference to the A.I.L.P., which no longer exists. The corrected catalog text should read

**FR 6801**

**Cultural Immersion / Research**

**Prerequisite: Enrollment French Immersion Weekend and permission of instructor. Intensive study of French cultural topics followed by individual research projects. May be repeated for credit if content varies.**

Describe the evidence derived from your program assessment that justifies this change.

Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

This is a simple correction. The undergraduate version of this course (FR 4801) was corrected in the past.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

The cosmetic changes described here will have no affect on any other program or department.

## REQUEST FOR COSMETIC CHANGES

Subject: OPI Requirement for foreign language majors

Request:

REQUEST CHANGING THE FIRST SENTENCE OF THE CATALOG DESCRIPTION UNDER THE HEADING "FOREIGN LANGUAGES" TO THE FOLLOWING:

All foreign language majors will be required to take the ACTFL Oral Proficiency Interview (OPI) prior to graduation and score at the Intermediate High level.

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1-21-11  
catabg

This changes the required score level from Advanced Low to Intermediate High.

Describe the evidence derived from your program assessment that justifies this change.

Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

OPI scores gathered in SPAN 4003 over the past two years as part of our ACTFL accreditation assessment show that Intermediate High is a more reasonable score level for foreign language majors who are not planning to teach.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

This change does not alter the requirement for foreign language education majors; therefore, the change will not affect any other program or department.

## Tammy Rhodes

---

**From:** Carey Roberts [croberts@atu.edu]  
**Sent:** Friday, October 01, 2010 2:31 PM  
**To:** trhodes@atu.edu; 'Pat Chronister'  
**Cc:** mtarver@atu.edu; 'Jeffrey Woods'  
**Subject:** HIST 4153 Cosmetic Change

Tammy:

I don't recall seeing this in the batch of cosmetic changes, but there needs to be a catalogue description change for HIST 4153. I know that Jeff is the person responsible for sending this to you, but he's currently out of town, and I don't wish to miss the deadline.

It currently reads:

### **HIST 4153 HISTORY OF ARKANSAS**

A study of the history of Arkansas from prehistoric times to the present, noting political, social, economic, and cultural trends. May not be taken for credit after completion of HIST 3153 nor repeated for credit as HIST 5153 or equivalent

The new description should read:

### **HIST 4153 HISTORY OF ARKANSAS**

A study of the history of Arkansas from prehistoric times to the present, noting political, social, economic, and cultural trends. May not be taken for credit after completion of HIST 2153 nor repeated for credit as HIST 5153 or equivalent

Justification:

This is a typo that needs to be corrected in the catalogue. No course numbered HIST 3153 currently exists. More importantly, this discrepancy has caused serious confusion among both students and their advisers in terms of program requirements.

Thanks,

Carey

Carey M. Roberts, Ph.D.  
Coordinator of University Assessment and  
Associate Professor of History  
407 West Q Street, WPN 239A  
Arkansas Tech University  
Russellville, AR 72801



## REQUEST FOR COSMETIC CHANGES

Course Subject:

MCEG

Course Number:

1012

Official Title:

Introduction to Engineering

Request:

Change the prerequisite listed to a co-requisite and change the course description from:

Current Catalogue Description:

Prerequisites: MATH 1113 or any higher level mathematics course. An introductory course to acquaint student with the technical and social aspects of engineering, the analytical approach to problem solving, measurements and calculations, including application of computer techniques. Lecture one hour, laboratory two hours.

Proposed description

Co-requisite: MATH 1113 or any higher level mathematics course. An introductory course to acquaint students with the technical and ethical aspects of engineering, the analytic approach to problem solving, measurements and calculations. Two hours lecture/lab.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

This change will allow more students declaring engineering as a major but not enrolled in Calculus to take the class their first semester and better reflects the course as taught.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Electrical Engineering will be submitting an identical request.

## REQUEST FOR COSMETIC CHANGES

Course Subject:

MCEG

Course Number:

4332

Official Title:

Thermal Systems Laboratory

Request:

Delete MCEG 4433 co-requisite

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

After gaining experience in teaching this relatively new course for a few years, the instructor has determined that students are sufficiently prepared in thermodynamics topics in the prerequisite MCEG 3313 course and that the additional requirement of a MCEG 4433 co-requisite is not necessary for student success in this course. In addition, MCEG 4433 is typically not taught in the same semester which makes the co-requisite listing virtually impossible to comply with.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

## Tammy Rhodes

---

**From:** John Krohn [jkrohn@atu.edu]  
**Sent:** Thursday, November 04, 2010 2:08 PM  
**To:** 'Tammy Rhodes'  
**Subject:** RE: Cosmetic Changes  
**Attachments:** 4332changes.doc

Tammy,

To clarify the questions regarding MCEG 4332 (Dr. Roberts has accidentally changed this number to "4432"), we have not changed the course since its inception. A better explanation of why we feel this change is needed and appropriate is that the prerequisite thermodynamics course (MCEG 3313) has proved sufficient preparation for students taking this lab. That, along with the scheduling difficulty, are the primary reasons for this requested change. I have attached a new version of the change request reflecting this better explanation.

John L. Krohn, Ph.D., P.E.  
Professor & Dept. Head  
Mechanical Engineering  
Arkansas Tech University  
(479) 968-0259

**From:** Tammy Rhodes [mailto:trhodes@atu.edu]  
**Sent:** Tuesday, November 02, 2010 11:45 AM  
**To:** 'Dr. Rollans'; mraineyjr@atu.edu; ccaldwell@atu.edu; 'Patricia Buford'; jwoods@atu.edu; jkrohn@atu.edu; jrobertson@atu.edu; 'Hanna Norton'  
**Subject:** Cosmetic Changes

Department Heads:

Please review comments in the attached file provided by Dr. Carey Roberts regarding Requests for Cosmetic Changes. Dr. Roberts noted, just because a change is rendered "cosmetic" does not alleviate using proper assessment and student learning data to justify the change.

For proposals needing additional assessment information to justify the change, please email me the information to be included with the request by Friday, November 5. I would like to post the proposals for the 2-week review on Monday, November 8.

Thanks.

Tammy

Tammy Rhodes, Registrar  
Arkansas Tech University  
Office of the Registrar  
Doc Bryan Student Services Building, Suite 153  
1605 Coliseum Drive  
Russellville, AR 72801

Email: [trhodes@atu.edu](mailto:trhodes@atu.edu)  
Telephone: 479.968.0643  
Fax: 479.968.0683

## REQUEST FOR COSMETIC CHANGES

Course Subject:

MCEG

Course Number:

4442

Official Title:

Mechanical Lab II

Request:

Delete MCEG 3442 pre-requisite and change catalog course description to:

MCEG 4442 Mechanical Laboratory II

Prerequisites: MCEG ~~3442 and~~ 4403. A study of fluid mechanics **and** thermodynamics ~~and~~ heat transfer experimentation techniques. Laboratory projects will be assigned with student responsibility for procedure development and test program implementation. Formal laboratory reports will be required. Lecture one hour, laboratory three hours.

Note: **bold** represents additions, ~~strike through~~ represents deletions from current description.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The department added an elective lab to its curriculum several years ago which now contains all heat transfer related experiments.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

## REQUEST FOR COSMETIC CHANGES

Course Subject:

Mechanical Engineering

Course Number:

Official Title:

Eight semester curriculum

Request:

Make the following changes in the eight semester curriculum:

Fall start:

- Move ELEG 2103 Electric Circuits I from semester four to semester five
- Move ECON 2003 Principles of Econ. I from semester five to semester four
- Move "Technical elective" from semester six to semester seven
- Move Social Science from semester six to semester seven
- Move Physical Activity from semester seven to semester six
- Move Engineering elective from semester seven to semester six
- Move Engineering Lab. Elective from semester seven to semester six

Spring start:

- Move ELEG 2103 Electric Circuits I from semester three to semester four
- Move Fine Arts from semester four to semester three
- Move ELEG 2113 Electric Circuits II from semester four to semester five
- Move ELEG 2111 Electric Circuits Lab from semester four to semester five
- Move MATH 3153 Applied Statistics I from semester five to semester four
- Move Engineering Lab elective from semester eight to semester seven
- Move MCEG 3313 Thermodynamics I from semester five to semester six
- Move Social Sciences from semester six to semester five

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catalog

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The current curricula have several instances of two-semester course sequences separated by one or more semesters. The department believes that student's knowledge retention will be better if these lags are eliminated. In addition, due to new co-/pre-requisite requirements for ELEG 2103, this course had to be moved to a later semester in the spring start schedule.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Electrical Engineering is the only department affected by these changes.

**REQUEST FOR COSMETIC CHANGES**Course Subject: **CHEMISTRY**Course Number: **CHEM 3423**Official Title: **DESCRIPTIVE INORGANIC CHEMISTRY**① *In the Curriculum in Chemistry General Option,*Requests: **MOVE CHEM 3423 FROM JUNIOR SPRING TO THE JUNIOR FALL TERM**② **CHANGE COURSE PREREQUISITE FROM CHEM 3264 TO CHEM 2134**

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**Not Applicable**

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

SEP 30 2010

# Chemistry General

2d3

Outline in specific detail how your proposal will alter the program (include course number and title):

Fall Start 2010	
<p>Freshman Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Freshman Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Sophomore Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Sophomore Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Junior Fall Semester</p> <p>✓ Add/Change: <b>CHEM 3423 (General and <del>professional options</del>)</b></p> <p>Delete:</p> <p>Total Hours: <b>3</b></p>	<p>Junior Spring Semester</p> <p>Add/Change:</p> <p>Delete: <b>CHEM 3423 (General option)</b> ✓</p> <p>Total Hours: <b>3</b></p>
<p>Senior Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Senior Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>

# Chemistry General

Received by the  
Registrar's Office

SEP 30 2010

Spring Start (If applicable)	
<p>Freshman Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p style="text-align: right;">3 of 3</p> <p>Freshman Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Sophomore Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Sophomore Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Junior Spring Semester</p> <p>Add/Change:</p> <p>✓ Delete: CHEM 3423 (General option)</p> <p>Total Hours:3</p>	<p>Junior Fall Semester</p> <p>✓ Add/Change: CHEM 3423 (General and Professional <del>options</del>)</p> <p>Delete:</p> <p>Total Hours:3</p>
<p>Senior Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Senior Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Total Program Hours <u>3</u></p>	



## Tammy Rhodes

---

**From:** Charles Mebi [cmebi@atu.edu]  
**Sent:** Wednesday, November 03, 2010 2:53 PM  
**To:** Carey Roberts  
**Cc:** 'Jeff Robertson'; trhodes@atu.edu; 'Charles Mebi'  
**Subject:** Re: RE: [Fwd: Cosmetic Changes]

Dr. Roberts:

No course content change for CHEM 3423. I proposed the cosmetic change for CHEM 4424. It has to do with making CHEM 3423 a prerequisite for CHEM 4424. The rationale is the same; CHEM 4424 builds on CHEM 3423.

Thanks  
Charles Mebi

On 11/3/10 2:46 PM, Carey Roberts wrote:

> Dr. Mebi:

>

> Thanks for supplying this additional information. I thought what you had for CHEM 3423 was fine, and this information adds even more weight to the proposal. Am I correct in assuming that there will be no course content change for CHEM 3423?

>

> Also, were you the person who proposed the cosmetic change for CHEM 4424? If not, do you know who did?

>

> Carey

>

>

> Carey M. Roberts, Ph.D.

> Coordinator of University Assessment and Associate Professor of

> History

> 407 West Q Street, WPN 239A

> Arkansas Tech University

> Russellville, AR 72801

> (479) 968-0449

> fax: (479) 964-0812

>

>

>

> -----Original Message-----

> From: Charles Mebi [mailto:cmebi@atu.edu]

> Sent: Wednesday, November 03, 2010 2:36 PM

> To: Jeff Robertson

> Cc: croberts@atu.edu; trhodes@atu.edu

> Subject: Re: [Fwd: Cosmetic Changes]

>

>

> I have attached a copy of the American Chemical Society (ACS) guidelines as justification for the cosmetic changes.

> As mentioned in my request, the ACS recommends a foundation course for all areas of chemistry including inorganic chemistry. CHEM 3423 (Descriptive Inorganic Chemistry) is a foundation course for CHEM 4424 (Advanced Inorganic Chemistry). CHEM 3423 will be offered next fall.

> The present curriculum requires professional chemistry majors to take

CHEM 4424 but not CHEM 3423. It will be beneficial to the students if they are required to take CHEM 3423 since CHEM 4424 builds on CHEM3423.

> Let me know if you need more information.

>

> Best regards

> Charles Mebi

>

> On 11/2/10 1:22 PM, Jeff Robertson wrote:

> > Please review comments in the attached file provided by Dr.

> CareyRoberts regarding Requests for Cosmetic Changes. Dr. Roberts noted, just because a change is rendered cosmetic does not alleviate using proper assessment and student learning data to justify the change. For proposals needing additional assessment information to justify the change, please email me the information to be included with the request by Friday, November 5. I would like to post the proposals for the 2-week review on Monday, November 8. Thanks. Tammy Rhodes, Registrar Department of Physical Science CHEM 3423: Sufficient assessment evidence includes following the recommendation of the program accreditor, ACS. CHEM 4424: Assessment evidence is not provided to support the rationale. If no direct measures of student learning in the program exist to support this proposal, then it indicates that revising the program assessment plan may be in order. To expedite this

> change before accurate student data can be-- Jeff Robertson, Ph.D.

> Arkansas Tech University / \ jrobertson@atu.edu

> Department of Physical Sciences / \ / \ http://cosmos.atu.edu 1701 N.

> Boulder / / / \ Phone: (479) 964-0548 Russellville,

> AR 72801-2222 / \ / \ / \_Fax: (479) 964-0837

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> Previous

Attachment :Cosmetic Changes II.Assessment.Fall 2010.docx

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>

> Charles A. Mebi, Ph.D.

> Assistant Professor of Chemistry

> Arkansas

> Tech University

> Department of Physical Sciences

> 1701 N. Boulder Ave

>

> Russellville, AR. 72801

> Office: (479)356-2151

>

Charles A. Mebi, Ph.D. Assistant Professor of Chemistry Arkansas Tech University Department of Physical Sciences 1701 N. Boulder Ave Russellville, AR. 72801 Office: (479)356-2151



Assistant Professor of Chemistry  
Arkansas  
Tech University  
Department of Physical Sciences  
1701 N. Boulder Ave

Russellville, AR. 72801  
Office: (479)356-2151

# Undergraduate Professional Education in Chemistry

Committee on Professional Training  
American Chemical Society  
1195 Sixteenth Street, N.W.  
Washington, DC 20036  
703-832-4369  
cptr@acs.org  
www.acs.org/cptr



Spring 2008  
American Chemical Society  
Committee on Professional Training

**4.5 Chemical Safety Resources.** The program must be conducted in a safe environment that includes

- adherence to federal and state regulations regarding hazardous waste management and laboratory safety including, but not limited to, development of a written chemical hygiene plan and maintenance of proper facilities and personnel for chemical waste disposal.
- safety information and reference materials, such as material safety data sheets (MSDS), and
- personal protective equipment readily available to all students and faculty

## 5. Curriculum

The curriculum of an approved program provides both a broad background in chemical principles and in-depth study of chemistry or chemistry-related areas that build on this background. These guidelines divide the chemistry curriculum for the certified major into three categories: the *introductory chemistry experience*, *foundation* course work that provides breadth, and rigorous *in-depth* course work that builds on the foundation. Because chemistry is an experimental science, substantial laboratory work must be part of these experiences. Programs have the opportunity to design innovative curricula that meet the needs and interests of their particular students by defining degree tracks or concentrations requiring specified in-depth course work. The curriculum must also include experiences that develop student skills essential for their effective performance as scientific professionals.

**5.1 Pedagogy.** An approved program should use effective pedagogy in classroom and laboratory course work. Programs should teach their courses in a challenging, engaging, and inclusive manner that accommodates a variety of learning styles. Additionally, a program should provide opportunities for faculty to maintain their knowledge of best practices in chemistry education and modern theories of learning and cognition in science. An approved program should regularly review its pedagogical approaches to ensure that it provides excellent content and builds skills that students need to be effective professionals.

Faculty should incorporate pedagogies that have been shown to be effective in undergraduate chemistry education. Examples include problem- or inquiry-based learning, peer-led instruction, group learning, learning communities or

networks, writing throughout the curriculum, and technology-aided instruction. Laboratory work provides a particularly attractive opportunity for inquiry-driven and open-ended investigations that promote independent thinking, critical thinking and reasoning, and a perspective of chemistry as a scientific process of discovery.

**5.2 Introductory or General Chemistry.** The introductory or general chemistry experience plays a vital role in educating all students. An introductory course provides a common background for students with a wide range of high school experiences. It also allows a maturation period for students, both in chemical topics and in mathematical and laboratory skills.

The purpose of introductory chemistry course work for those students pursuing a degree in chemistry is preparation for the foundation course work. This introduction ensures that students know basic chemical concepts such as stoichiometry, states of matter, atomic structure, molecular structure and bonding, thermodynamics, equilibria, and kinetics. Students need to be competent in basic laboratory skills such as safe practices, keeping a notebook, use of electronic balances and volumetric glassware, preparation of solutions, chemical measurements using pH electrodes and spectrophotometers, data analysis, and report writing.

The diversity of institutions and students requires a variety of approaches for teaching general or introductory chemistry. Offerings range from a full-year course to a one-semester course to waiving the introductory course requirement for very well-prepared students. To accommodate all these situations, these guidelines only describe the requirements and characteristics of experiences beyond the introductory level.

**5.3 Foundation Course Work.** Foundation course work provides breadth and lays the groundwork for the in-depth course work. **Certified majors must have instruction equivalent to a one-semester course of at least three semester credit hours in each of the five major areas of chemistry: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, and physical chemistry.** Programs operating on the quarter system can achieve this breadth with at least eight three-credit one-quarter courses that include the equivalent of at least one quarter of coverage of each of the five areas.

Foundation course work typically builds on the introductory chemistry experience. Textbooks for foundation course work are specialized books that

serve as an introduction to each field, rather than a general chemistry textbook. Exam questions should cover concepts in greater detail than is typical in an introductory or general chemistry course. At the conclusion of a foundation course, a student should have mastered the vocabulary, concepts, and skills required to pursue in-depth study in that area.

Some areas, particularly organic and physical chemistry, have traditionally been taught as year-long courses. This practice may continue, using the first-semester course in the sequence as a foundation course and the second-semester course as an in-depth course. Integrated foundation course work may provide exposure to multiple foundation areas of chemistry or a group of topics organized by overarching themes (for example, synthesis, characterization, and reactivity) rather than by the traditional organization of chemistry subdisciplines.

Foundation courses can also be used to introduce topics that span multiple areas of chemistry. For example, the synthesis, analysis, and physical properties of small molecules give an incomplete picture of the higher order interactions in macromolecules and supramolecular systems (e.g., the physical properties of synthetic polymers, information storage and transfer by biopolymers, or aggregate properties of self-assembled systems). Students should be exposed to the principles of macromolecules across foundation areas, which could then serve as the basis for deeper exploration through in-depth course work or degree tracks.

**5.4 In-Depth Course Work.** The curriculum for the certified major must also include at a minimum the equivalent of four one-semester courses or six one-quarter courses (corresponding to at least 12 semester or 18 quarter credit hours) of in-depth course work. An in-depth course builds on prerequisite foundation course work. The goals of in-depth course work are both to integrate topics introduced in the foundation courses and to investigate these topics more thoroughly. Exams and other assignments associated with in-depth courses should require critical thinking and problem-solving skills.

The in-depth coursework could be additional study in chemistry that increases a student's understanding of a traditional chemistry subdiscipline. For example, in a two-semester course sequence, the first semester could be a foundation course in a traditional chemistry subdiscipline (analytical, biochemistry, inorganic, organic, or physical) and the second an in-depth course. In-depth course work could also integrate multiple chemistry

foundation areas and therefore have those foundation courses as prerequisites.

Alternatively, in-depth course work could be a collection that supports a specialized, department-defined degree track (see Section 5.6). Although another department might teach some of these courses, they still must contain significant chemistry or chemistry-related content at a level beyond foundation course work to count as an in-depth course. The collection of in-depth course work required for a specialized degree track should provide a coherent experience in that area. Programs should be able to provide the rationale for each degree track and its requirements.

**5.5 Laboratory Experience.** The certified major must have 400 hours of laboratory experience beyond the introductory chemistry laboratory. Laboratory course work must cover at least 4 of the 5 foundation areas of chemistry and may be distributed between the foundation and in-depth levels. The laboratory experience must include synthesis of molecules; measurement of chemical properties, structures, and phenomena; hands-on experience with modern instrumentation; and computational data analysis and modeling. Students should understand the operation and theory of modern instruments and use them to solve chemical problems as part of their laboratory experience. They must have hands-on experience with a variety of instruments, including spectrometers (such as those for NMR, FT-IR, and UV-visible spectroscopy), chemical separations instruments (such as those for GC, GC-MS, and HPLC), and electrochemical instruments. Undergraduate research can serve as part of the laboratory hours and the in-depth course work if accompanied by a comprehensive written report.

**5.6 Degree Tracks or Concentrations.** A degree track used to certify graduates is a specialized, department-designed curriculum meeting the foundation, in-depth, and laboratory requirements that focuses on

- chemistry,
- a specific chemistry subdiscipline, or
- a chemistry-related multidisciplinary area.

Degree tracks offer the opportunity to incorporate emerging areas of chemistry, take advantage of faculty and local expertise, and match departmental and institutional missions. The faculty is responsible for defining these degree tracks for its program. The responsibility for student learning,



SEP 30 2010

**REQUEST FOR COSMETIC CHANGES**Course Subject: **Chemistry**Course Number: **CHEM 4424**Official Title: **Advanced Inorganic Chemistry**Request: **Change course prerequisite from CHEM 3324 to CHEM 3423**

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

**CHEM 3423 is a foundation course for CHEM 4424.**

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Cosmetic Change

Received by the Registrar's Office

SEP 30 2010

1-21-11 catalog

Arkansas Tech University  
PROPOSAL FOR CHANGE IN PROGRAM

TO: Curriculum Committee or Graduate Council (as appropriate)

FROM: Physical Sciences

DATE SUBMITTED:

REQUEST FOR CHANGE IN PROGRAM (Modification or Deletion of Existing Major, Option or Minor)

Title	Signature	Date
Department Head	Jeff Robertson	2010 sept 28
Dean	[Signature]	9-28-10
Teacher Education Council (if applicable)		
Graduate Council (if applicable)		
Registrar		
Vice President for Academic Affairs		

Program Title: <b>Chemistry (Professional Option)</b>	Effective Date: <b>Fall 2011</b>
Detail change in program: <b>Add CHEM 3423 (Descriptive Inorganic Chemistry) as a required course for the professional option. Delete 3 hrs electives.</b>	
Please provide a rationale for the change. <b>Students will have two semesters of inorganic chemistry. CHEM 3423 is a foundation course for CHEM 4424: Advanced Inorganic Chemistry which is required for the professional option.</b>	
What impact will the change have on staffing, on other programs and space allocation? <b>None</b>	
Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.  <b>CHEM 3423 will better prepare the students for CHEM 4424. CHEM 4424 is an in-depth course that builds on CHEM 3423. The ACS guidelines for undergraduate professional education in chemistry recommend a foundation course for the major areas of chemistry including inorganic chemistry.</b>	
If this course will affect other departments a Departmental Support Form for each affected department must be attached.	

ACS. American Chemical Society - CHEM program accrediting body.

SEP 30 2010

# Chemistry Professional

Outline in specific detail how your proposal will alter the program (include course number and title):

Fall Start 2010	
<p>Freshman Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Freshman Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Sophomore Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Sophomore Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Junior Fall Semester</p> <p>✓ Add/Change: <b>CHEM 3423 (General and professional options)</b></p> <p>✓ Delete: <b>3 hrs Elective</b></p> <p>Total Hours <del>3</del> <b>15</b></p>	<p>Junior Spring Semester</p> <p>Add/Change:</p> <p>Delete: <b>CHEM 3423 (General option)</b></p> <p>Total Hours <del>3</del></p>
<p>Senior Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Senior Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>

# Chemistry Professional

SEP 30 2010

Spring Start (if applicable)	
<p>Freshman Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Freshman Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Sophomore Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Sophomore Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Junior Spring Semester</p> <p>Add/Change:</p> <p>Delete: <del>CHEM 3423 (General option)</del></p> <p>Total Hours: <del>3</del></p>	<p>Junior Fall Semester</p> <p>Add/Change: CHEM 3423 (General and Professional options) ✓</p> <p>Delete: 3 hrs Elective ✓</p> <p>Total Hours: <del>3</del> 15</p>
<p>Senior Spring Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p>Senior Fall Semester</p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p>Total Program Hours <u>3</u></p>	

## Tammy Rhodes

---

**From:** Hanna Norton [hnorton@atu.edu]  
**Sent:** Tuesday, September 28, 2010 9:38 AM  
**To:** trhodes@atu.edu  
**Subject:** FW: Cosmetic Changes for Grad Program

Tammy:

Thanks again so much for all your help through this process.

Below is the new information I added and then sent to Carey.

--Hanna

Hanna E. Norton, Ph.D.  
Interim Department Head & Associate Professor of Journalism  
Department of Speech, Theatre and Journalism  
Arkansas Tech University  
Energy Center, Room 101A  
1815 Coliseum Drive  
Russellville, AR 72801  
479 498-6025 (office)  
479 964-0899 (fax)

**From:** Hanna Norton [mailto:hnorton@atu.edu]  
**Sent:** Monday, September 27, 2010 1:27 PM  
**To:** 'Carey Roberts'  
**Subject:** RE: Cosmetic Changes for Grad Program

Carey:

I've added a more detailed explanation. Let me know if this is what you needed or if you'd like something else/more.

JOUR 6053

Media and Society

Request: Remove SPH 5003 as the prerequisite for the course.

Evidence: The graduate Masters of Multimedia Journalism degree will no longer require SPH 5003 as part of its curriculum. The department is putting forth curriculum proposals for five new courses for the degree. These new courses address the theoretical background, technical skills and professional approach students will need in pursuing multimedia journalism. As a result of the new, more content specific courses, we will no longer need the SPH course in the degree.

JOUR 6133

Multimedia Publishing

Request: Remove JOUR 5163 as the prerequisite for the course.

Evidence: The graduate Masters of Multimedia Journalism degree will no longer require JOUR 5163 as part of its curriculum. JOUR 5163 will become an elective course in the graduate degree. The new courses will more directly deal with multimedia content than the JOUR 5163 (Advanced Photography) course has in the past. Based on journalism industry demands, we will be separating photography and expanding video in these distinct courses.

## Catalog Year 2011-12

### Cosmetic Changes Round #3 Summary

APP 3-4-11

#### Department of Behavioral Sciences

- ~~(a) In the Curriculum in Rehabilitation Science modify footnote 2 from <sup>2</sup>Any General Education biology course is acceptable except BIOL 2134, to <sup>2</sup>Allow only BIOL 1014, Introduction to Biological Science, BIOL 1114, Principles of Biology, BIOL 2004, Basic Human Anatomy and Physiology, BIOL 2014, Human Anatomy, or BIOL 2124, Principles of Zoology, to fulfill the general education biology requirement.~~

#### Department of Biological Sciences

- (a) Cross-list BIOL 3094, Entomology, with AGPM 3104, Introduction to Entomology. Change the course number and title for BIOL 3094, Entomology, to BIOL 3104, Introduction to Entomology. Modify the course description as follows:

**Old Course Description:**

BIOL 3094, Entomology

On demand. Prerequisite: BIOL 2124. Introduction to the world of insects: morphological and physiological adaptations, classification, methods and collecting and preserving common insects. Lecture two hours, laboratory four hours. \$20 laboratory fee.

**New Course Description:**

BIOL 3104, Introduction to Entomology

This course will introduce the student to insect diversity and the identification of the major families of insects. Laboratory time will be spent learning family characteristics and collecting and preserving insect specimens. Lecture will consist of topics such as insect diversity, morphology and physiology. \$25 course fees.

#### Department of Computer and Information Science

- (a) Modify the course description for COMS 2223, Computer Organization and Programming, as follows:

**Old Course Description:**

COMS 2223, Computer Organization and Programming

Prerequisite: COMS 2203, Foundations of Computer Programming II, and ELEG 2134, Digital Logic Design. This course covers computer architecture and machine-level programming in assembly language. Considerable practical experience will be gained through programming projects. Topics include internal data representation and manipulation, as well as physical, and logical level input-output macros.

**New Course Description:**

COMS 2223, Computer Organization and Programming

Prerequisite: COMS 2203, Foundations of Computer Programming II, and ELEG 2134, Digital Logic Design. Introduction to organizing and structuring hardware

components of computers. Topics include internal data representation, data transfer and control, I/O, memory hierarchy, and programming in assembly;

- (b) Modify the prerequisite for COMS 3213, Advanced Data Structures and Algorithm Design, from Prerequisite: COMS 2213, Data Structures, to Prerequisites: COMS 2213, Data Structures, and COMS 3913, Advanced Discrete Structures; and
- (c) Modify the prerequisite for COMS 4103, Organization of Programming Languages, from Prerequisites: COMS 2213, Data Structures, and COMS 2223, Computer Organization and Programming, to Prerequisites: COMS 2213, Data Structures, COMS 2223, Computer Organization and Programming, and COMS 3913, Advanced Discrete Structures.

#### Department of Foreign Languages:

- (a) Correct the prerequisite for GER 1024, Beginning German II, from Prerequisite: GER 2014, Intermediate German II, or equivalent, to Prerequisite: GER 1014, Beginning German I, or equivalent; and
- (b) Add the Prerequisite: GER 2014, Intermediate German I, or equivalent, to GER 2024, Intermediate German II.

#### Department of Nursing

- (a) Modify the course description for NUR 3892, Clinical Competency I, as follows:

##### Old Course Description:

##### NUR 3892, Clinical Competency I

These courses are practicum courses designed to enable a student to prove clinical competence. Students who have failed a junior or senior level theories and concepts course but have passed the accompanying practicum course must prove clinical competence in order to progress to the next level. For the student who failed, NUR 3892 or NUR 4892 would be taken the same semester that the student is repeating the accompanying theories and concepts course. Students who have been absent from the upper division of the nursing curriculum must prove clinical competence at the level of the last practicum course they successfully completed before they can re-enter upper division. \$20 laboratory fee.

##### New Course Description:

##### NUR 3892, Clinical Competency I

This course is required to demonstrate competence for practicum/laboratory courses as described in the progression policy of the Department of Nursing. For students requiring demonstration of competence, NUR 3892 would be taken the same semester the student is repeating an accompanying theoretical course. Students who have been absent from the upper division of the nursing curriculum must prove clinical/laboratory competence at the level of the last practicum/laboratory course they successfully completed before they re-enter upper division. \$20 laboratory fee;

(b) Modify the course description for NUR 4892, Clinical Competency II, as follows:

Old Course Description:

NUR 4892 Clinical Competency II

These courses are practicum courses designed to enable a student to prove clinical competence. Students who have failed a junior or senior level theories and concepts course but have passed the accompanying practicum course must prove clinical competence in order to progress to the next level. For the student who failed, NUR 3892 or NUR 4892 would be taken the same semester that the student is repeating the accompanying theories and concepts course. Students who have been absent from the upper division of the nursing curriculum must prove clinical competence at the level of the last practicum course they successfully completed before they can re-enter upper division. \$20 laboratory fee.

New Course Description:

NUR 4892 Clinical Competency II

This course is required to demonstrate competence for practicum/laboratory courses as described in the progression policy of the Department of Nursing. For students requiring demonstration of competence, NUR 4892 would be taken the same semester the student is repeating an accompanying theoretical course. Students who have been absent from the upper division of the nursing curriculum must prove clinical/laboratory competence at the level of the last practicum/laboratory course they successfully completed before they re-enter upper division. \$20 laboratory fee; and

(c) Modify the prerequisite for NUR 3404, Practicum in Nursing I- Nursing the Individual Client, from Prerequisite: NUR 2023, Introduction to Professional Nursing, and NUR 3103, Nursing Skills I. Co-requisites: NUR 3204, Theories and Concepts of Nursing I, and 3304, Health Assessment, to Prerequisite: NUR 2023, Introduction to Professional Nursing, and NUR 3103, Nursing Skills I, and NUR 3303, Health Assessment. Co-requisites: NUR 3204, Theories and Concepts of Nursing I.

#### Department of Parks, Recreation, and Hospitality

(a) Change the prerequisite COMS 1003, Introduction to Computer Based Systems, to a co-requisite for HA 1063, Hospitality Technology;

(b) Modify the prerequisites for HA (RP) 4001, Internship Preparation, from Prerequisites: PRHA major, senior standing, and completion of RP/HA 3043, Work Experience, (if required for major) or permission of department head, to Prerequisites: PRHA major, senior standing, and completion of RP 3043, Work Experience, or HA 2053, Work Experience, or permission of department head;



- (c) Modify the prerequisites for HA 4073, Hospitality Financial Analysis, from Prerequisites: ACCT 2003, Accounting Principles I, and 2013, Accounting Principles II, HA major, to Prerequisites: ACCT 2003, Accounting Principles I, and 2013, Accounting Principles II;
- (d) Modify the prerequisites for HA 4203, Hospitality Operational Problem Solving, from Prerequisites: Senior standing, MGMT 3003, Management and Organizational Behavior, and HA 4013, Hospitality Marketing and Sales, to Prerequisites: Senior standing, MGMT 3003, Management and Organizational Behavior;
- (e) Modify the prerequisites for HA 4243, Advanced Lodging Operations Management, from Prerequisites: HA 3143, Executive Housekeeping, HA 3243 (typo), and HA 4113, Personnel Management in PRHA, to Prerequisites: HA 3143, Executive Housekeeping, and HA 4113, Personnel Management in PRHA;
- (f) Change the prerequisite HA (CUL) 1013, Sanitation Safety, to a co-requisite, for HA (CUL) 1923, Introduction to Food and Beverage Management;
- (g) Modify the prerequisites for HA (CUL) 2053, Work Experience, from Prerequisites: HA major, minor and/or culinary students, to Prerequisites: HA/CUL major or HA minor;
- (h) Delete the prerequisite HA 1063, Hospitality Technology, from CUL 2063, Guest Services Management;
- (i) Remove the prerequisite: Junior standing, from RP 3023, Camp Administration; and
- (j) Remove POLS 3053, Introduction to Public Administration, and POLS 3093, American Municipal Government, from the Curriculum in Recreation Administration, and replace with 6 hours of approved electives.

✓  
328-11

#### Department of Professional Studies

- (a) Modify the prerequisites for ECE 2513, Curriculum in ECE, from prerequisites: ECE 2112, Basic Child Growth and Development I, and ECE 2312, Foundations and Theories in Early Childhood Education, to prerequisites: ECE 2113, Basic Child Growth and Development, or concurrent enrollment;
- (b) Modify the prerequisites for ECE 2613, Methods and Materials Using Developmentally Appropriate Practices and Activities for Young Children, from prerequisites: ECE 2112, and ECE 2312, to prerequisites: ECE 2113, Basic Child Growth and Development, or concurrent enrollment; and

**(c) Modify the Curriculum in Early Childhood Education (Associate Degree) as follows:  
allow any General Education selection all general education courses.**

## Pat Chronister

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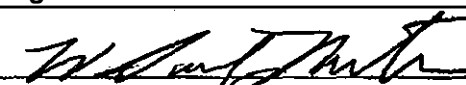
**From:** Pat Chronister [pchronister@atu.edu]  
**Sent:** February 21, 2011 1:05 PM  
**To:** 'abatch@atu.edu'; 'abhuiyan@atu.edu'; 'acarbollo@atu.edu'; 'acaton@atu.edu';  
'aholeyfield@atu.edu'; 'amirkovic@atu.edu'; 'amorris@atu.edu'; 'anagac@atu.edu';  
'anyandwi@atu.edu'; 'astuckey@atu.edu'; 'awilliams37@atu.edu'; 'azakharian@atu.edu';  
'bclements@atu.edu'; 'bmontgomery@atu.edu'; 'btedford@atu.edu'; 'caustin11@atu.edu';  
'cbaker@atu.edu'; 'cbosold@atu.edu'; 'cbrucker@atu.edu'; 'cbusch@atu.edu';  
'ccaldwell@atu.edu'; 'ccastillo@atu.edu'; 'cchaney@atu.edu'; 'cdavis3@atu.edu';  
'cgagen@atu.edu'; 'cgiroir@atu.edu'; 'cgreco@atu.edu'; 'chousenick@atu.edu';  
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'dbell@atu.edu'; 'dbullock@atu.edu'; 'dcarnahan@atu.edu'; 'deshelman@atu.edu';  
'dfelkins@atu.edu'; 'dgooch1@atu.edu'; 'dgoodwin1@atu.edu'; 'dharris@atu.edu';  
'dhoelzeman@atu.edu'; 'dkeisler@atu.edu'; 'dmiddleton@atu.edu'; 'dmudrinich@atu.edu';  
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@atu.edu'; 'ejenkins@atu.edu'; 'eleachman@atu.edu'; 'elovely@atu.edu'; 'ewebb2@atu.edu';  
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'mraineyjr@atu.edu'; 'mritchie@atu.edu'; 'mrogers6@atu.edu'; 'msmith89@atu.edu';  
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@atu.edu'; 'slombardo@atu.edu'; 'spepper@atu.edu'; 'spoznar@atu.edu'; 'srobison@atu.edu';  
'sshojaei@atu.edu'; 'sstephenson@atu.edu'; 'sunderwood@atu.edu'; 'swest7@atu.edu';  
'swomack@atu.edu'; 'sworley@atu.edu'; 'tbrunson@atu.edu'; 'tcarter@atu.edu'; 'tcole7  
@atu.edu'; 'tdeblack@atu.edu'; 'therrick@atu.edu'; 'thowe@atu.edu'; 'tleggett@atu.edu';  
'tlimperis@atu.edu'; 'tmckown@atu.edu'; 'tmumert@atu.edu'; 'tnorton@atu.edu';

FEB 18 2011

**Arkansas Tech University  
PROPOSAL FOR CHANGE IN PROGRAM**

TO: Curriculum Committee or Graduate Council (as appropriate)  
 FROM: (Initiating Department) Behavioral Sciences Dept.  
 DATE SUBMITTED: 2-16-2011 (Rehabilitation Science Major)

REQUEST FOR CHANGE IN PROGRAM (Modification or Deletion of Existing Major, Option or Minor)

Title	Signature	Date
Department Head, Behavioral Sciences Dr. Dan Martin		2-16-11
Dean	A. Martin	2-16-11
Teacher Education Council (if applicable)		
Graduate Council (if applicable)		
Registrar		
Vice President for Academic Affairs		

Program Title: Rehabilitation Science	Effective Date: Immediately
Outline change in program and attach curriculum matrix: Acceptable Biol. Gen. Ed: Biol 1014, 1114, 2004, 2014, or 2124	
What impact will the change have on staffing, on other programs and space allocation? None	
Please provide a rationale for the need for this new course including the evidence derived from your program assessment. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline. N.A.	
If this course will affect other departments a Departmental Support Form for each affected department must be attached. N.A.	
In the attached matrix, outline in specific detail how your proposal will alter the program (include course number and title)	

## Pat Chronister

---

**From:** Pat Chronister [pchronister@atu.edu]  
**Sent:** February 22, 2011 9:34 AM  
**To:** 'Eric Lovely'; 'curriculum@atu.edu'  
**Cc:** 'wmartin@atu.edu'; 'Tammy'  
**Subject:** RE: Cosmetic Change not cosmetic...

Due to your objection, we will pull this proposal from the cosmetic changes and Dr. Martin and Dr. Harris will be instructed to prepare the regular curriculum change form for next fall.

Thanks,  
Pat  
Academic Affairs

---

**From:** Eric Lovely [mailto:elovely@atu.edu]  
**Sent:** February 22, 2011 9:11 AM  
**To:** curriculum@atu.edu  
**Cc:** Pat Chronister; wmartin@atu.edu  
**Subject:** Cosmetic Change not cosmetic...

The proposed cosmetic change changing the biology general ed requirement for Rehabilitation sciences is not a cosmetic change.

The list of courses are not all general education courses and the Environmental Science course which is not offered as gen ed is not listed.

Also I see no rational or any other materials in the PDF.

## Tammy Rhodes

---

**From:** Charles Gagen [cgagen@atu.edu]  
**Sent:** Tuesday, February 08, 2011 9:44 AM  
**To:** 'Tammy Rhodes'  
**Cc:** rcohoon@atu.edu; 'Bruce L. Tedford, Ph.D.'; mfairbanks@atu.edu; 'Pat Chronister'  
**Subject:** RE: BIOL 3094  
**Attachments:** image001.jpg

**Importance:** High

Feb. 8, 2010

Ms. Rhodes;

I appreciate your assistance with this proposed cosmetic change.

It is indeed the intention of the Department of Biological Sciences to cross-list the newly approved "AGPM 3104, Introduction to Entomology" in our Department. We already had a similar course in the catalog that differed only in number and minor cosmetic aspects of the course description, thus, I view this as a "cosmetic change".

The change that I recommend is to change our existing BIOL 3094 course number to match that of the new course, so that it will become BIOL 3104. To further assure consistency, I also recommend that the catalog description of the BIOL 3104 include a course description that matches that of the AGPM 3104 listing which is appended below.

We discussed this cross-listing with faculty and the Head of the Department of Agriculture when the new course was initially proposed and the notion to cross-list with us was mentioned in the approved new course proposal from Agriculture, thus, I am sure that this mechanical detail constitutes a previously approved intention.

Please let me know if any other action is needed from this department to effect this change. Thank you.

Charlie Gagen,  
Head, Department of Biological Sciences

**From:** Tammy Rhodes [mailto:trhodes@atu.edu]  
**Sent:** Monday, February 07, 2011 4:08 PM  
**To:** 'Charles Gagen'  
**Subject:** BIOL 3094

Cross-list BIOL 3094, Entomology, with AGPM 3104, Introduction to Entomology. Change the course number and title for BIOL 3094, Entomology, to BIOL 3104, Introduction to Entomology. Modify the course description as follows:

This course will introduce the student to insect diversity and the identification of the major families of insects. Laboratory time will be spent learning family characteristics and collecting and preserving insect specimens. Lecture will consist of topics such as insect diversity, morphology and physiology. \$25 course fees.

Thanks.

(a)

<b>REQUEST FOR COSMETIC CHANGES</b>	
<b>Course Subject:</b> COMS	<b>Course Number:</b> 2223
<b>Official Title:</b> Computer Organization and Programming	
<b>Request:</b> Change catalog course description from:  COMS2223 Computer Organization and Programming Prerequisite: COMS 2203 and ELEG 2134. This course covers computer architecture and machine-level programming in assembly language. Considerable practical experience will be gained through programming projects. Topics include internal data representation and manipulation, as well as physical, and logical level input-output macros.  to the following:  COMS2223 Computer Organization and Programming Prerequisite: COMS2203 and ELEG2134. Introduction to organizing and structuring hardware components of computers. Topics include internal data representation, data transfer and control, I/O, memory hierarchy, and programming in assembly.	
Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.  The current description in the catalog is over ten years old. Given the nature of the discipline, being focused on technology, it is felt that this description is in need of an upgrade to reflect the current topics that should be addressed.	
If this change will affect other departments, a Departmental Support Form for each affected department must be attached.  No other departments will be affected.	

(b)

<b>REQUEST FOR COSMETIC CHANGES</b>	
Course Subject: COMS	Course Number: 3213
Official Title: Advanced Data Structures	
Request: Add COMS 3913 as a prerequisite to this course so that the catalog prerequisite line reads:  Prerequisite: COMS 2213 and COMS 3913.	
Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.  COMS 3913 has recently to approved by the campus to add to our Computer Science Curriculum. This change is being made to place it in the correct sequence of courses.	
If this change will affect other departments, a Departmental Support Form for each affected department must be attached.  This change will affect no other departments.	



(6)

<b>REQUEST FOR COSMETIC CHANGES</b>	
Course Subject: COMS	Course Number: 4103
Official Title: Organization Prog Languages	
Request: Add COMS 3913 as a prerequisite to this course so that the catalog prerequisite line reads: Prerequisite: COMS 2213, COMS 2223 and COMS 3913.	
Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.  COMS 3913 has recently to approved by the campus to add to our Computer Science Curriculum. This change is being made to place it in the correct sequence of courses.	
If this change will affect other departments, a Departmental Support Form for each affected department must be attached.  This change will affect no other departments.	

(a) (b)

**REQUEST FOR COSMETIC CHANGES**

Subject: Incorrect and Missing Prerequisites in GER 1024 and GER 2024

Request:

Correct the descriptions of GER 1024 and GER 2024 to show the correct prerequisites as shown below.

(a) GER 1024  
BEGINNING GERMAN II  
Prerequisite: GER 1014 or equivalent.

(b) GER 2024  
BEGINNING GERMAN II  
Prerequisite: GER 2014 or equivalent.

Nothing else in the course descriptions needs to be changed.

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

I just received a call from an advisor who was confused by the incorrect and illogical entry in the current catalog, which states that students need to have completed GER 2014 before enrolling in GER 1024. These are obvious errors that have gone unnoticed.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

The cosmetic changes described here will have no affect on any other program or department.

(a) (b)

**REQUEST FOR COSMETIC CHANGES**

Course Subject: NUR

Course Number: 3892 and 4892

Official Title:  
Clinical Competency I and Clinical Competency II

Request:  
To reword catalog course description.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Due to already approved curriculum restructuring the previous description does not cover all courses required for competency. This course will assure students are safe providers before entering the hospital setting due to previous failure or time out of school. Informal assessment data by faculty and students initiated these changes.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Will not affect other departments

(a)

**NUR 3892 Clinical Competency I**

This course is required to demonstrate competence for practicum/laboratory courses as described in the progression policy of the Department of Nursing. For students requiring demonstration of competence, NUR 3892 would be taken the same semester the student is repeating an accompanying theoretical course. Students who have been absent from the upper division of the nursing curriculum must prove clinical/laboratory competence at the level of the last practicum/laboratory course they successfully completed before they ~~re-enter~~<sup>re-enter</sup> upper division. \$20 laboratory fee.

(b)

**NUR 4892 Clinical Competency II**

This course is required to demonstrate competence for practicum/laboratory courses as described in the progression policy of the Department of Nursing. For students requiring demonstration of competence, NUR 4892 would be taken the same semester the student is repeating an accompanying theoretical course. Students who have been absent from the upper division of the nursing curriculum must prove clinical/laboratory competence at the level of the last practicum/laboratory course they successfully completed before they ~~re-enter~~<sup>re-enter</sup> upper division. \$20 laboratory fee.

(c)

**REQUEST FOR COSMETIC CHANGES**

Course Subject:NUR

Course Number:3404

Official Title:

Practicum in Nursing I – Nursing the Individual Client

Request: add NUR 3303 as prereq and take off NUR 3304 as coreq

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

NUR 3303 has moved in the curriculum to one semester prior to NUR 3404. The course is needed for the student to perform at an optimal level in the practicum experience. NUR 3304 has been phased out to 3303. The approved curriculum restructure came out of informal faculty assessment and formal course, program and clinical evaluations. The changes were identified to improve patient safety and student level of functioning.

If this change will affect other departments, a Departmental Support Form for each affected department must be included. No affect on other departments.

(a) - (h)

**REQUEST FOR COSMETIC CHANGES**

Course Subject:  
HA and/or CUL

Course Number:  
Please see attachment

Official Title:

Request:  
See attachment (primarily changes in prerequisites and co-requisites for courses)

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

These changes will assist HA and/or CUL majors in graduating in a more timely manner.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

### Cosmetic Changes Hospitality Administration

- (a) • HA 1063 Hospitality Administration
  - Change prerequisite COMS 1003 to co-requisite
- (b) • HA/RP 4001 Internship Preparation
  - Prerequisites: HA major, senior standing, and completion of HA 2053 (delete "if required for major") or permission of department head.
- (c) • HA 4073 Hospitality Financial Analysis
  - Prerequisites: ACCT 2003 and 2013 – delete "HA major"
- (d) • HA 4203 Hospitality Operational Problem Solving
  - Prerequisites: delete "HA 4013"
- (e) • HA 4243 Advanced Lodging Operations Management
  - Prerequisites: delete "HA 3243"
- (f) • HA/CUL 1923 Introduction to Food and Beverage Management
  - Change prerequisite of HA/CUL 1013 to co-requisite
- (g) • HA/CUL 2053 Work Experience
  - Prerequisite: HA/CUL major or HA minor
- (h) • CUL 2063 Guest Services Management
  - Delete prerequisite HA 1063

(i)

**REQUEST FOR COSMETIC CHANGES**

Course Subject:  
RP

Course Number: RP 3023

Official Title:  
Camp Administration

Request:  
Please remove the prerequisite of junior standing in the course description.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

We no longer require students to be a junior in order to be enrolled in the Camp Administration course as we have found that students acquire the skills and knowledge needed in the course content to be able to function proficiently at Camp Stormy.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.



(j)

**REQUEST FOR COSMETIC CHANGES**

**Course Subject:**  
RP – Recreation Administration

**Course Number:** POLS 3053 &  
POLS 3093

**Official Title:**  
POLS 3053 Intro to Public Admin and POLS 3093 American Municipal Govt

**Request:**  
Please delete these two courses as required courses for the RPA – Recreation Administration degree (both are required in the junior year). Please change these courses to approved electives – one three hour course in fall of the junior year and one three hour course in spring of the junior year.

Please provide a rationale for the change including the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

Per correspondence with the Department of History and Political Science these courses are no longer being offered.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Fall Start Curriculum Matrix for Catalog  
 Curriculum in Recreation Administration  
 (entertitle for program changing)

<p><b>Freshman Fall Semester</b></p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p><b>Freshman Spring Semester</b></p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p><b>Sophomore Fall Semester</b></p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p><b>Sophomore Spring Semester</b></p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>
<p><b>Junior Fall Semester</b></p> <p>Add/Change: <i>Approved Elective ✓</i></p> <p>Delete: <i>POLS 3053 ✓</i></p> <p>Total Hours:</p>	<p><b>Junior Spring Semester</b></p> <p>Add/Change: <i>Approved Elective ✓</i></p> <p>Delete: <i>POLS 3093 ✓</i></p> <p>Total Hours:</p> <p style="text-align: right;"><i>3-28-11</i></p>
<p><b>Senior Fall Semester</b></p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>	<p><b>Senior Spring Semester</b></p> <p>Add/Change:</p> <p>Delete:</p> <p>Total Hours:</p>

## REQUEST FOR COSMETIC CHANGES

Subject: AS Degree in ECE

Request:

The recent curriculum changes require a modification of the language in the course descriptions for remaining courses: ECE 2513 and ECE 2613. New course descriptions for both of these courses should reference prerequisites as "Prerequisite: ECE 2113 or concurrent enrollment."

Describe the evidence derived from your program assessment that justifies this change. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline.

The curriculum change recently approved which combined ECE 2112 and ECE 2212 into one course requires the corresponding change in course number for the prerequisite statement for these two courses.

If this change will affect other departments, a Departmental Support Form for each affected department must be attached.

Will not affect any other department.

# Cosmetic Change

## Arkansas Tech University PROPOSAL FOR CHANGE IN PROGRAM

TO: Curriculum Committee  
FROM: College of Professional Studies  
DATE SUBMITTED: January 4, 2011

REQUEST FOR CHANGE IN PROGRAM (Modification or Deletion of Existing Major, Option or Minor)

Title	Signature	Date
Department Head		
Dean Dr. Mary Ann Rollans		1-4-2011
Teacher Education Council (if applicable)		
Graduate Council (if applicable)		
Registrar		
Vice President for Academic Affairs		

Program Title: AS Degree in ECE	Effective Date: Fall 2011
Outline change in program and attach curriculum matrix: To improve the flexibility in course selection for distant students, there needs to be a wider selection of general education courses that can be offered without submitting substitution request forms. This can be facilitated by simply adding a footnote to the courses listed in the matrix. Other changes noted in the matrix result from previous curriculum changes so that the matrix is consistent. The overall objective is to change some of the general education requirements from prescribed courses to any general education choice from the list of approved general education courses in respective categories.	
What impact will the change have on staffing, on other programs and space allocation? No impact	
Please provide a rationale for the need for this new course including the evidence derived from your program assessment. Assessment evidence may come from direct and indirect measures of student learning as well as analysis of the current state of the discipline. N/A	
If this course will affect other departments a Departmental Support Form for each affected department must be attached. Will not affect any other department since the general education courses are already in place.	

In the attached matrix, outline in specific detail how your proposal will alter the program (include course number and title)

Fall Start Curriculum Matrix for Catalog Curriculum in <u>AS degree in ECE</u> (enter title for program changing )	
<b>Freshman Fall Semester</b> Add/Change: BIOL 1014 <sup>1</sup> ✓ SOC 1003 <sup>1</sup> ✓ (previously approved change) ECE2113 Delete: (previously approved change: ECE 2312 and 2112) Total Hours: 16	<b>Freshman Spring Semester</b> Add/Change: PHSC 1021 <sup>1</sup> ✓ PHSC 1013 <sup>1</sup> ✓ GEOG 2013 <sup>1</sup> ✓ <del>WS 1002<sup>1</sup> Physical Activity<sup>1</sup></del> (previously approved change) ECE2313 Delete: (previously approved change) ECE 2212 Total Hours: 18
<b>Sophomore Fall Semester</b> Add/Change: ART 2123 <sup>1</sup> ✓ Social Sciences <sup>1</sup> ✓ Delete: HIST 2003 or 2013 (result of previous curriculum changes) Total Hours:	<b>Sophomore Spring Semester</b> Add/Change: POLS 2003 or HIST 1903 <sup>1</sup> ✓ <del>(result of previous curriculum changes)</del> Delete: Total Hours:
<b>Junior Fall Semester</b> Add/Change: Delete: Total Hours:	<b>Junior Spring Semester</b> Add/Change: Delete: Total Hours:
<b>Senior Fall Semester</b> Add/Change:	<b>Senior Spring Semester</b> Add/Change:

✓  
3-28-11