

MEMORANDUM TO: Ogden College of Science and Engineering Curriculum Committee

Dr. Jack Rudolph	Dr. James Gary	Dr. Keith Sylvester
Dr. Martin Stone	Dr. Huanjing Wang	Dr. John Khouryieh
Dr. Bruce Schulte	Dr. Julie Ellis	Dr. Mark Robinson
Dr. Scott Grubbs	Dr. Warren Campbell	Dr. Attila Por
Dr. Cathleen Webb	Dr. David Keeling	Dr. Keith Andrew
Dr. Hemali Rathnayake	Dr. Xingang Fan	Dr. Lou Strolger
Dr. Les Pesterfield		

FROM: Bruce Kessler, Chair

SUBJECT: Agenda for Thursday, October 11, 2012, 3:45 p.m. in COHH 4123

A. OLD BUSINESS:

- I. Consideration of the minutes of the September 6, 2012, meeting.

B. NEW BUSINESS:

Consent Items

I. Department of Architectural and Manufacturing Sciences

1. Proposal to Revise Course Prerequisites/Corequisites
 - a. CM 337, Applied Strength of Materials, 3 hours
 - b. CM 346, Applied Soil Mechanics and Foundations, 3 hours

Action Items

I. Department of Architectural and Manufacturing Sciences

1. Proposal to Revise a Program
 - a. Ref. #533, Major in Construction Management, 128 hours

II. Department of Agriculture

1. Proposal to Create a New Minor Program
 - a. Minor in Floristry, 21 hours

C. OTHER BUSINESS

MEMBERS PRESENT:

Dr. Bruce Schulte
Dr. Scott Grubbs
Dr. Cathleen Webb
Dr. Hemali Rathnayake
Dr. Les Pesterfield
Dr. James Gary

Dr. Huanjing Wang
Dr. Xingang Fan
Dr. John Khouryieh
Dr. Mark Robinson
Dr. Keith Andrew

FROM: Dr. David Keeling for Dr. Bruce Kessler, Chair

OLD BUSINESS:

Stone/Grubbs moved approval of the minutes from the April 5, 2012, meeting. Motion Passed.

NEW BUSINESS:

Consent Items

No motion made to move any items from consent agenda to action agenda. Consent agenda was accepted as presented.

Action Items

Department of Agriculture

Stone/Grubbs moved approval of the proposals to make multiple revisions to a course, HORT 316, Greenhouse Productions and HORT 317, Greenhouse Production Laboratory as one item. Motion passed.

Stone/Andrew moved approval of the proposal to create a new course, HORT 340, Commercial Floriculture Production. Motion approved with amendments to items 1.4 and 5.1.

Stone/Andrew moved approval of the proposal to create a new course, HORT 420, Floral Shop Management. Motion passed with amendments to items 1.4 and 5.1.

Stone/Grubbs moved approval of proposal to create a new interdisciplinary minor program. Item tabled to next meeting.

OTHER BUSINESS

No other business. Meeting was adjourned until 4:09 p.m.

Proposal Date: 09/21/2012

**Ogden College of Science and Engineering
Department of Architectural and Manufacturing Sciences
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Ahmed Khalafallah, ahmed.khalafallah@wku.edu , phone: 745-5949

1. Identification of course:

- 1.1 Course prefix (subject area) and number: CM 337
- 1.2 Course title: Applied Strength of Materials
- 1.3 Credit hours: 3

2. Current prerequisites/corequisites: Prerequisite: CM 227 or permission of the instructor. Corequisite: CM 339

3. Proposed prerequisites/corequisites: Prerequisite: AMS 282 or permission of the instructor.

4. Rationale for the revision of prerequisites/corequisites:

- In an effort to consolidate courses with similar content offered by different degree programs, it has been determined that the content of AMS 282 provides the appropriate foundation for CM 337. Therefore, that course will replace CM 227 as a prerequisite for CM 337.
- In addition, CM 339 (the lab component of CM 337) has been dropped from the CM curriculum in a previous program change.

5. Effect on completion of major/minor sequence: None

6. Proposed term for implementation: 201330

7. Dates of prior committee approvals:

AMS Department: _____ 09/21/2012 _____

Ogden College Curriculum Committee _____

Professional Education Council (if applicable) _____

General Education Committee (if applicable) _____

Undergraduate Curriculum Committee _____

University Senate _____

Attachment: Course Inventory Form

Proposal Date: 09/21/2012

**Ogden College of Science and Engineering
Department of Architectural and Manufacturing Sciences
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)**

Contact Person: Ahmed Khalafallah, ahmed.khalafallah@wku.edu , phone: 745-5949

1. Identification of course:

- 1.1 Course prefix (subject area) and number: CM 346
- 1.2 Course title: Applied Soil Mechanics and Foundations
- 1.3 Credit hours: 3

2. Current prerequisites: Prerequisite: CE 303 or junior standing.

3. Proposed prerequisites: Prerequisite: CM 337 or permission of the instructor.

4. Rationale for the revision of prerequisites:

The course depends on fundamental principles of strength of materials, including calculation of stresses, strains, and use of Mohr's Circle to find principle stresses and strains. These topics are more related to CM 337 than to CE 303.

5. Effect on completion of major/minor sequence: None. Both courses are junior level courses.

6. Proposed term for implementation: 201330

7. Dates of prior committee approvals:

AMS Department: _____ 09/21/2012 _____

Ogden College Curriculum Committee _____

Professional Education Council (if applicable) _____

General Education Committee (if applicable) _____

Undergraduate Curriculum Committee _____

University Senate _____

Attachment: Course Inventory Form

**Ogden College of Science and Engineering
Department of Architecture and Manufacturing Sciences
Proposal to Revise A Program
(Action Item)**

Contact Person: Ahmed Khalafallah, ahmed.khalafallah@wku.edu , phone 745-5949

1. Identification of program:

- 1.1 Current program reference number: 533
- 1.2 Current program title: Major in Construction Management
- 1.3 Credit hours: 128

2. Identification of the proposed program changes:

- Replace the required course CM 227 with AMS 282
- Replace the required course PHIL 321 with PHIL 320
- Add ECON 202 as an alternative to ECON 150

3. Detailed program description:

Current Program	Proposed Program
<p>The following courses are required for the major: AMS 140, 163, 261, 262, 271, 325, 398, 430, 490, CM 227, 250, 337, 346, 363, 400, 426, 462, 463, CE 160, 161, 303, 304, 316, ACCT 200, 201, MGT 301, and 311. Students are also required to take the following additional courses outside of the major: AMS 175, CIS 141, ENG 100, 200, 300, COMM 161, PHIL 321, HIST 119 (120), ECON 150, CHEM 106 and 116, PHYS 201, SFTY 171, and 6 hours of advisor approved electives; these courses may fulfill general education requirements.</p>	<p>The following courses are required for the major: AMS 140, 163, 261, 262, 271, 282, 325, 398, 430, 490, CM 227, 250, 337, 346, 363, 400, 426, 462, 463, CE 160, 161, 303, 304, 316, ACCT 200, 201, MGT 301, and 311. Students are also required to take the following additional courses outside of the major: AMS 175, CIS 141, ENG 100, 200, 300, COMM 161, PHIL 321, 320, HIST 119 (120), ECON 150 or 202, CHEM 106 and 116, PHYS 201, SFTY 171, and 6 hours of advisor approved electives; these courses may fulfill general education requirements.</p>

4. Rationale for the proposed program change:

- To consolidate the offerings of courses with similar topics offered by different programs within the department (AMS 282 Architectural Structures, and CM 227 Applied Statics).
- The Department of Philosophy and Religion is not offering PHIL 321 on a continuous basis. PHIL 320 has been developed as a substitute course and offered on a continuous basis to address ethics and morality in business.
- To facilitate student progress towards a Minor in Business Administration. Only three additional courses would be required to complete a Minor in Business Administration if the student takes ECON 202.

5. Proposed term for implementation and special provisions (if applicable): 201330

6. Dates of prior committee approvals:

AMS Department: _____09/21/2012_____

Ogden College Curriculum Committee _____

Professional Education Council (if applicable) _____

General Education Committee (if applicable) _____

Undergraduate Curriculum Committee _____

University Senate _____

Proposal Date: April 23, 2012

**Ogden College of Science and Engineering
Department of Agriculture
Proposal to Create a New Minor Program
(Action Item)**

Contact Person: Roger Dennis

Roger.dennis@wku.edu

270-745-3151

1. Identification of Program

- 1.1 Program title: Minor in Floristry
- 1.2 Required hours in minor program: 21 hours
- 1.3 Special Information:
- 1.4 Catalog description: This minor is meant to enhance majors such as business, horticulture, hospitality management, hotel restaurant management, and interior design. Students who elect the Minor in Floristry will develop the skills needed to establish and manage a retail floral business, with emphasis on logistics, resources, marketing and risk management.

2. Rationale

- 2.1 Reason for developing the proposed minor program:

Floriculture has become a growing industry in the United States. This minor provides floristry students the opportunity to focus skills learned in various horticultural and floral design courses toward a career objective.
- 2.2 Projected enrollment in the proposed minor program:

From the group of students currently enrolled in floral design courses, it is projected that 10 minors will be declared in the first year of the program and that number will increase by about 4 students annually. More are expected to select this minor from the population of students enrolled in the suggested major areas of collaboration. (These projections are based on a survey of currently enrolled floral design

students in which 20% of those polled indicated they would have considered the proposed minor if the option had been available to them.)

- 2.3 Relationship of proposed minor program to other programs now offered by the department:

No such program is now offered by the Department of Agriculture.

- 2.4 Relationship of the proposed minor program to other university programs:

This minor does not duplicate any other minor currently offered by the University and would be complimentary to a number of majors.

- 2.5 Similar minor programs offered elsewhere in Kentucky and in other states (including programs at benchmark institutions):

A survey of internet resources does indicate majors and minors in floristry and floral shop management at out-of-state universities and colleges but none in Kentucky. University of Kentucky has in the past offered classes in floral design but no major or minor. The following are some of the institutions that offer a major and/or minor in floristry: City College of San Francisco, Mississippi State University, Ohio State University, Kishwaukee College, Triton College, and Texas A & M University.

- 2.6 Relationship of the proposed minor program to the university mission and objectives:

This minor supports the university mission to (1) produce graduates who are productive , engaged leaders, (2) to provide learning opportunities for constituents, and (3) to foster a high quality of life throughout its region. Further, being entrepreneurial in mindset and focus, the minor addresses Strategic Goals, #1 (increase students learning) and #4 (improve the quality of life in Kentucky and beyond).

3. Objectives of the proposed minor

To introduce the student to the growing floriculture industry.

To familiarize the student with the challenges associated with developing and managing a retail floral business in terms of logistics, resources, marketing, and risk.

To produce graduates of the minor with the ability to envision and develop alternative support for their major.

To produce graduates of the minor with experience in the industry.

4. Curriculum

HORT 209	Introduction to Floral Design	3 hours
HORT 301	Wedding Floral Design	3 hours
HORT 309	Advanced Floral Design	3 hours
HORT 312	Introduction to Horticulture	3 hours
HORT 316	Greenhouse Production	2 hours
HORT 317	Greenhouse Production Lab	1 hour
HORT 340	Commercial Floriculture Production	3 hours
HORT 420	Floral Shop Management	3 hours

5. Budget Implications

No new faculty will be needed. The courses and labs will be taught at the existing WKU Floral Design Training Center. Course fees will be attached to the floral design courses to cover expenses associated with those classes.

6. Proposed term for implementation: Spring 2013

7. Dates of prior committee approvals

Department of Agriculture	8/13/12
OCSE Curriculum Committee	_____
Undergraduate Curriculum Committee	_____
University Senate	_____