**Ogden College of Science and Engineering**

**Office of the Dean**

**745-4449**

**REPORT TO THE UNIVERSITY CURRICULUM COMMITTEE**

Date: October 11, 2012

The Ogden College of Science and Engineering submits the following consent items for consideration at the October, 2012, UCC meeting.

1. New Business

|  |  |
| --- | --- |
| **Type of item** | **Description of Item & Contact Information** |
| Consent | **Revise Course Prerequisites/Corequisites**CM 337, Applied Strength of MaterialsContact: Ahmed Khalafallah, ahmed.khalafallah@wku.edu, x55949 |
| Consent | **Revise Course Prerequisites/Corequisites**CM 346, Applied Soil Mechanics and FoundationsContact: Ahmed Khalafallah, ahmed.khalafallah@wku.edu, x55949 |

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. Course prefix (subject area) and number: CM 337
	2. Course title: Applied Strength of Materials
	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 \_\_\_\_\_10/11/2012­\_\_\_\_

 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. Course prefix (subject area) and number: CM 346
	2. Course title: Applied Soil Mechanics and Foundations
	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 \_\_\_\_\_10/11/2012\_\_\_\_

 Professional Education Council (if applicable) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 General Education Committee (if applicable) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Undergraduate Curriculum Committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 University Senate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Attachment: Course Inventory Form**