COLLEGE OF ENGINEERING
COURSE AND CURRICULUM CHANGES

College of Engineering Course and Curriculum Meeting

September 25, 2014

Edwards Conference Room

9:30

Undergraduate/Graduate

EXPEDITED

Contact Person:  James Goddard
532-3569
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Units that may be directly impacted by these changes:

Please provide the sponsors of a proposal change with any information regarding fiscal or programmatic impact on your department, program or students
Expedited COURSE PROPOSALS
Courses Numbered 000-599

Civil Engineering

From: CE 522 - Soil Mechanics I

Credits: (3)

Identification, classification, and engineering properties of soils; theory and application of consolidation, compressibility, and strength of soils; ground water retention and movement; slope stability and lateral earth pressures; stress distribution in soil.

Note
Two hours recitation and three hours lab a week.

Requisites:
Prerequisite: CE 533.

When Offered
Fall, Spring

UGE course
No

K-State 8
Natural and Physical Sciences

To: CE 522 - Soil Mechanics I

Credits: (3)

Identification, classification, and engineering properties of soils; theory and application of consolidation, compressibility, and strength of soils; ground water retention and movement; slope stability and lateral earth pressures; stress distribution in soil.

Note
Two hours recitation and three hours lab a week.

Requisites:
Prerequisite: CE 533. Prerequisite or concurrent enrollment: ME 571.

When Offered
Fall, Spring

UGE course
No

**K-State 8**
Natural and Physical Sciences

**Effective:** Spring 2015

**Rationale:** Basic fluid flow in porous media is an integral part of soil mechanics. Including fluid mechanics as a minimum concurrent class will allow more time to be spent on learning fundamental soil properties and behavior instead of trying to teach fluid and soil mechanics concurrently while omitting soil mechanics content. A general survey has shown that approximately 75% of students already either take ME 571 before or concurrent with 522.

**Impact:** CE and ARE