

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A GRADUATE COURSE
(500-600 LEVEL)

Graduate Council Document No. 07-2c

DEPARTMENT Civil Engineering

EFFECTIVE SESSION ~~Spring 2007~~

Fall 2007

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- 1. New course with supporting documents (complete proposal form)
- 2. Add existing course offered at another campus
- 3. Expiration of a course
- 4. Change in course number
- 5. Change in course title
- 6. Change in course credit/type
- 7. Change in course attributes
- 8. Change in instructional hours
- 9. Change in course description
- 10. Change in course requisites
- 11. Change in semesters offered
- 12. Transfer from one department to another

PROPOSED:

Subject Abbreviation CE

Course Number 686

Long Title Underground Construction

Short Title Underground Const

Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

EXISTING:

Subject Abbreviation

Course Number

TERMS OFFERED
Check All That Apply:

Summer Fall Spring

CAMPUS(ES) INVOLVED

Calumet N. Central
 Cont Ed Tech Statewide
 Ft. Wayne W. Lafayette
 Indianapolis

CREDIT TYPE

- 1. Fixed Credit: Cr. Hrs.
- 2. Variable Credit Range:
Minimum Cr. Hrs.
(Check One) To Or
Maximum Cr. Hrs.
- 3. Equivalent Credit: Yes No
- 4. Thesis Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

- 1. Pass/Not Pass Only
- 2. Satisfactory/Unsatisfactory Only
- 3. Repeatable
Maximum Repeatable Credit:
- 4. Credit by Examination
- 5. Designator Required
- 6. Special Fees
- 7. Registration Approval Type
Department Instructor
- 8. Variable Title
- 9. Remedial
- 10. Honors
- 11. Full Time Privilege
- 12. Off Campus Experience

Instructional Type	Minutes Per Mta 50	Meetings Per Week 3	Weeks Offered 16	% of Credit Allocated 100	Delivery Method (Asyn. Or Syn.)	Delivery Medium (Audio, Internet, Live, Text-Based, Video)
Structure					syn	Live
Simulation						
Presentation						
Laboratory						
Lab Prep						
Studio						
Distance						
Clinic						
Experiential						
Research						
Ind. Study						
Pract/Observ						

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES):

Prerequisites: CE 580 or instructor consent.
Planning, analysis, design and construction of underground structures in soft ground and rock. Ground structure interaction. Static and seismic stresses on tunnel support. Relative stiffness method. Ground deformations. Construction methods, types of support, and their effects on the surrounding ground. The focus of the course is on the understanding of the interaction between ground and structure.
Professor Bobet.

Calumet Department Head _____ Date _____	Calumet School Dean _____ Date _____	Calumet Undergrad Curriculum Committee _____ Date _____
Fort Wayne Department Head _____ Date _____	Fort Wayne School Dean _____ Date _____	Fort Wayne Chancellor _____ Date _____
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____	<i>Michael Altamirano</i> 12/1/06 Undergrad Curriculum Committee _____ Date _____
North Central Department Head _____ Date _____	North Central Chancellor _____ Date _____	APPROVED 2/15/07 Date Approved by Graduate Council _____
West Lafayette Department Head _____ Date _____	West Lafayette College/School Dean _____ Date _____	<i>Marilyn D. Meist</i> 4/18/07 Graduate Council Secretary _____ Date _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean _____ Date _____	<i>Sandra Schaffer</i> West Lafayette Registrar _____ Date _____

OFFICE OF THE REGISTRAR

4/27/07
jm

