

REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A COURSE

EFD 2505

DEPARTMENT CE

EFFECTIVE SESSION Fall 2006

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

- | | | | |
|--------------------------|---|-------------------------------------|---|
| <input type="checkbox"/> | 1. New course with supporting documents | <input type="checkbox"/> | 7. Change in course attributes |
| <input type="checkbox"/> | 2. Add existing course | <input type="checkbox"/> | 8. Change in instructional hours |
| <input type="checkbox"/> | 3. Expiration of a course | <input type="checkbox"/> | 9. Change in course description |
| <input type="checkbox"/> | 4. Change in course number | <input type="checkbox"/> | 10. Change in course requisites |
| <input type="checkbox"/> | 5. Change in course title | <input checked="" type="checkbox"/> | 11. Change in semesters offered |
| <input type="checkbox"/> | 6. Change in course credit/type | <input type="checkbox"/> | 12. Transfer from one department to another |

PROPOSED:

EXISTING:

TERMS OFFERED
Check All That Apply:
Summer Spring Fall

CAMPUS(ES) INVOLVED
Calumet Ft. Wayne
Indianapolis N. Central
W.Lafayette Cont Ed
Tech Statewide

Subject Abbreviation CE Subject Abbreviation CE

Course Number 571 Course Number 571

Long Title Earthquake Engineering

Short Title Earthquake Engineering

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

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 3
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 Mtg | Meetings Per Week | Weeks Offered | % of Credit Allocated | Delivery Method (Asyn. Or Syn) | Delivery Medium (Audio, Internet, Live, Text-Based, Video) |
|--------------------|-----------------|-------------------|---------------|-----------------------|--------------------------------|--|
| Lecture | 75 | 2 | 16 | 100 | Syn | Live |
| Recitation | | | | | | |
| Presentation | | | | | | |
| Laboratory | | | | | | |
| Lab Prep | | | | | | |
| Studio | | | | | | |
| Distance | | | | | | |
| Clinic | | | | | | |
| Experiential | | | | | | |
| Research | | | | | | |
| Ind. Study | | | | | | |
| Pract/Observ | | | | | | |

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES):

See Attached

| | | | | | |
|--|------|------------------------------------|------|-----------------------------------|------|
| Calumet Undergrad Curriculum Committee | Date | Calumet Department Head | Date | Calumet School Dean | Date |
| Fort Wayne Department Head | Date | Fort Wayne School Dean | Date | Fort Wayne Chancellor | Date |
| Indianapolis Department Head | Date | Indianapolis School Dean | Date | <i>K. Montgomery</i> 4/21/06 | Date |
| North Central Department Head | Date | North Central Chancellor | Date | Date Approved by Graduate Council | Date |
| <i>MIC Dan</i> 04/21/06 | Date | <i>Michael G. Shi</i> 4/24/06 | Date | <i>Marilyn D. Heist</i> 12/4/06 | Date |
| West Lafayette Department Head | Date | West Lafayette College/School Dean | Date | Graduate Council Secretary | Date |
| Graduate Council Area Committee Chair | Date | Graduate Dean | Date | <i>Sandra Schaffer</i> 12/9/06 | Date |
| | | | | West Lafayette Registrar | Date |

12/8/06
jam

TO: The Faculty of the College of Engineering
FROM: The Faculty of the School of Civil Engineering
RE: Changes in CE 571 Course Schedule

From: **CE 571 – Earthquake Engineering**

Sem. 1, Class 3, Cr. 3

Prerequisite: CE 573. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.

The objectives of the course are to: (1) expose the fundamentals of structural design in earthquake regions; (2) explain the functions of linear, nonlinear, and limit analyses with respect to design; (3) describe the complex relationships between ground motion models and structural response models in the linear and nonlinear response ranges; and (4) provide the students perspectives about the behavior of building structures in the earthquake environment.

To: **CE 571 – Earthquake Engineering**

Sem. 2, Class 3, Cr. 3.

No changes to prerequisite or description

Reason: To provide an updated course offering schedule.

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE COMMITTEE ON
FACULTY RELATIONS

CFR Minutes 1017

Date 4-7-06

Signature: Robert E. Montgomery

CE 571 – Earthquake Engineering

Sem. 2, Class 3, Cr. 3

Prerequisite: CE 573. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.

The objectives of the course are to: (1) expose the fundamentals of structural design in earthquake regions; (2) explain the functions of linear, nonlinear, and limit analyses with respect to design; (3) describe the complex relationships between ground motion models and structural response models in the linear and nonlinear response ranges; and (4) provide the students perspectives about the behavior of building structures in the earthquake environment.

