**PURDUE UNIVERSITY**

**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF A COURSE**

**EFD 2505**

### INSTRUCTIONS

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

1. New course with supporting documents
2. Add existing course
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

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>CE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Number</td>
<td>571</td>
</tr>
<tr>
<td>Long Title</td>
<td>Earthquake Engineering</td>
</tr>
<tr>
<td>Short Title</td>
<td>Earthquake Engineering</td>
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</tbody>
</table>

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

### TERMS OFFERED

- Summer
- Spring
- Fall

### CAMPUS(ES) INVOLVED

- Calumet
- Indianapolis
- W. Lafayette
- Tech statewide

### CREDIT TYPE

<table>
<thead>
<tr>
<th>1. Fixed Credit: Cr. Hrs.</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Variable Credit Range:</td>
<td></td>
</tr>
<tr>
<td>Minimum Cr. Hrs.</td>
<td>(Check One) To Maximum Cr. Hrs.</td>
</tr>
<tr>
<td>3. Equivalent Credit: Yes</td>
<td>No</td>
</tr>
<tr>
<td>4. Thesis Credit: Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

### COURSE ATTRIBUTES

<table>
<thead>
<tr>
<th>1. Pass/Not Pass Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Satisfactory/Unsatisfactory Only</td>
</tr>
<tr>
<td>3. Repeatable</td>
</tr>
<tr>
<td>Maximum repeatable credit:</td>
</tr>
<tr>
<td>4. Credit by Examination</td>
</tr>
<tr>
<td>5. Designator Required</td>
</tr>
<tr>
<td>6. Special Fees</td>
</tr>
</tbody>
</table>

### COURSE DESCRIPTION

See Attached

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**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

**Indianapolis Undergrad Curriculum Committee** Date

**North Central Department Head** Date

**North Central Chancellor** Date

**North Central Dean** Date

**West Lafayette Department Head** Date

**West Lafayette College/School Dean** Date

**West Lafayette Registrar** Date

**Graduate Council Area Committee Chair** Date

**Graduate Dean** Date

**Robert J. Montgomery** Date

**4/1/06**

**1/8/06**

**OFFICE OF THE REGISTRAR**
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.
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.