MEMORANDUM

TO: The Engineering Faculty

FROM: The Faculty of the School of Civil Engineering

RE: Change in Civil Engineering Core Course Requirements

The faculty of the School of Civil Engineering has approved the following changes in the Civil Engineering core course requirements. The changes in academic requirements for the Bachelor of Science in Civil Engineering are:

- A student must earn a grade of C- or better in all core courses excluding courses required by the First Year Engineering Program
- A student must earn a grade of C- or better in a core course, excluding courses required by the First Year Engineering Program, in order to use the course as a prerequisite.
- A student shall be dismissed from the School of Civil Engineering after three attempts to complete a core course where each attempt resulted in a grade of D+, D, D-, E, F, or WF. A grade of W does not count toward the three attempts. Re-entry will be solely at the discretion of the Civil Engineering Undergraduate Committee and will be reviewed on a case-by-case basis. The Undergraduate Committee has the prerogative to set the requirements, if any, for re-entry.

The change will take effect for students entering the School of Civil Engineering in the first fall semester after approval.

This action is now submitted to the Engineering Faculty for a recommendation for approval.

Reason: The current requirements are a grade of D or better with no limit on the number of attempts. The Civil Engineering Faculty believes this new policy will facilitate progression toward the degree and improve competency in basic civil engineering material.

M. Katherine Banks, Head
School of Civil Engineering

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE ENGINEERING
CURRICULUM COMMITTEE

ECC Minutes #25
Date 5/9/08
Chairman ECC

[Signature]
TO: Linda Higgins, Undergraduate Programs Coordinator  
College of Engineering

FROM: Becky Hull, Undergraduate Program Administrator  
School of Civil Engineering

DATE: June 4, 2010

RE: Technical Electives Requisite Changes

The attached form 40's are to update technical elective requisites that are affected by EFD 54-07 which was passed in the spring 2008 term. Please ask Teri to sign them and send them back to me.

Thanks.
**PURDUE UNIVERSITY**

**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE**

(10000-40000 LEVEL)

**DEPARTMENT: Civil Engineering**

**EFFECTIVE SESSION: Fall 2010**

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

- [ ] New course with supporting documents
- [ ] Add existing course offered at another campus
- [ ] Expiration of a course
- [X] Change in course number
- [ ] Change in course title
- [ ] Change in course credit/type
- [ ] Change in course attributes (department head signature only)
- [ ] Change in instructional hours
- [ ] Change in course description
- [ ] Change in course requisites/restrictions
- [ ] Change in semesters offered (department head signature only)
- [ ] Transfer from one department to another

**PROPOSED:**

<table>
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<tr>
<th>Subject Abbreviation</th>
<th>Subject Abbreviation: CE</th>
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<table>
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<th>Course Number</th>
<th>Course Number: 37100</th>
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<th>Short Title</th>
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**EXISTING:**

Abbreviated title will be entered by the Office of the Registrar if omitted. (20 CHARACTERS ONLY)

**TERMS OFFERED:**

- [ ] Summer
- [X] Fall
- [X] Spring

**CAMPUS(ES) INVOLVED:**

- Calumet
- Cont Ed
- Ft. Wayne
- W. Lafayette

**CREDIT TYPE**

<table>
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<td></td>
<td>Maximum Cr. Hrs.</td>
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**COURSE ATTRIBUTES:** Check All That Apply

<table>
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<tr>
<th>1. Pass/Not Pass Only</th>
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<td>4. Credit by Examination</td>
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<td>5. Special Fees</td>
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<td>6. Registration Approval Type</td>
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<td>Instructor</td>
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<td>7. Variable Title</td>
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<td>8. Honors</td>
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<td>9. Full Time Privilege</td>
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<td>10. Off Campus Experience</td>
</tr>
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**Course Description (Include Requisites/Restrictions):**

Undergraduate level CE 27000 minimum grade of C-

**COURSE LEARNING OUTCOMES:**

**Calumet Department Head**

<table>
<thead>
<tr>
<th>Date</th>
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</table>

**Calumet School Dean**

<table>
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<tr>
<th>Date</th>
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</table>

**Fort Wayne Department Head**

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**Fort Wayne School Dean**

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<tr>
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**Indianapolis Department Head**

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**Indianapolis School Dean**

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**In Central Faculty Senate Chair**

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**Vice Chancellor for Academic Affairs**

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**West Lafayette Department Head**

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**West Lafayette College School Dean**

<table>
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<tr>
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**West Lafayette Registrar**

<table>
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<th>Date</th>
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**OFFICE OF THE REGISTRAR**

6/16/10
### Instructsions

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

- New course with supporting documents
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit type
- Change in course attributes (department head signature only)
- Change in instructional hours
- Change in course description
- Change in course prerequisites
- Change in semesters offered (department head signature only)
- Transfer from one department to another

### Proposed

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<td>To</td>
<td>Or</td>
</tr>
<tr>
<td>Maximum Cr. Hrs.</td>
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<tr>
<td>3. Equivalent Credit: Yes</td>
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### Course Attributes

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<td>10. Off-Campus Experience</td>
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### Course Description

Undergraduate level CE 34000 minimum grade of C- (may be taken concurrently)

### Course Learning Outcomes

### Terms Offered

- Check All That Apply:
  - Summer
  - Fall
  - Spring

### Campus(ES) Involved

- Calumet
- Fort Wayne
- Indianapolis
- N. Central
- Tech Statewide
- W. Lafayette

### Cross-Listed Courses

### Office of the Registrar
**PURDUE UNIVERSITY**
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

**DEPARTMENT:** Civil Engineering  
**EFFECTIVE SESSION:** Fall 2010

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

1. New course with supporting documents  
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 (department head signature only)  
8. Change in instructional hours  
9. Change in course description  
10. Change in course requisites/restrictions  
11. Change in semesters offered (department head signature only)  
12. Transfer from one department to another

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**CREDIT TYPE**

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**COURSE ATTRAIBUTES:** Check All That Apply

1. Pass/Not Pass Only  
2. Satisfactory/Unsatisfactory Only  
3. Repeatable  
4. Credit by Examination  
5. Special Fees  
6. Registration Approval Type  
7. Variable Title  
8. Honors  
9. Full Time Privilege  
10. Off Campus Experience

**COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):**

Undergraduate level CE 34000 minimum grade of C- (may be taken concurrently)

**COURSE LEARNING OUTCOMES:**

- Calumet Department Head  
- Calumet School Dean  
- Fort Wayne Department Head  
- Fort Wayne School Dean  
- Indianapolis Department Head  
- Indianapolis School Dean  
- Central Faculty Senate Chair  
- Vice Chancellor for Academic Affairs  
- West Lafayette Department Head  
- West Lafayette College/School Dean

**OFFICE OF THE REGISTRAR**

[Signatures and dates]
ARTMENT: Civil Engineering
EFFECTIVE SESSION: Fall 2010

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

- New course with supporting documents
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit type
- Change in course attributes (department head signature only)
- Change in instructional hours
- Change in course description
- Change in course requisites/restrictions
- Change in semesters offered (department head signature only)
- Transfer from one department to another

PROPOSED:
Subject Abbreviation: CE
Course Number: 40800
Long Title: 
Short Title: 

EXISTING:
Subject Abbreviation: CE
Course Number: 40800
Long Title: 
Short Title: 

 TERMS OFFERED
Check All That Apply:
- Summer
- Fall
- Spring

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

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
Undergraduate level MA 26100 Minimum Grade of C- or Undergraduate level MA 17200 Minimum Grade of C- or Undergraduate level MA 27100 Minimum Grade of C- or Undergraduate level MA 18200 Minimum Grade of C- or Undergraduate level MA 17400 Minimum Grade of C- or Undergraduate level MA 26300 Minimum Grade of C-

*COURSE LEARNING OUTCOMES:

<table>
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<tr>
<th>CREDIT TYPE</th>
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<tr>
<td>Or</td>
<td>9. Full Time Privilege</td>
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<td>Maximum Cr. Hrs.</td>
<td>10. Off Campus Experience</td>
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<td>No</td>
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Cross-Listed Courses

Schedule Type
- Lecture
- Presentation
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observ

% of Credit Allocated

Weeks Offered

Meetings Per Week

Minutes Per Mtg

OFFICE OF THE REGISTRAR
**PURDUE UNIVERSITY**
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

**PARTMENT** Civil Engineering
**EFFECTIVE SESSION** Fall 2010

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

- [ ] New course with supporting documents
- [ ] Add existing course offered at another campus
- [ ] Change in course title
- [ ] Change in course number
- [ ] Change in course credits/variants
- [ ] Change in course attributes (department head signature only)
- [ ] Change in instructional hours
- [ ] Change in course description
- [ ] Change in course requisites/restrictions
- [ ] Change in semesters offered (department head signature only)
- [ ] Transfer from one department to another

**PROPOSED:**

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Abbreviated title will be entered by the Office of the Registrar if omitted. (30 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

**SCHEDULE TYPE**

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<th>Minutes Per Mtg</th>
<th>Meetings Per Week</th>
<th>Weeks Offered</th>
<th>% of Credit Allocated</th>
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**COURSE DESCRIPTION** (INCLUDE REQUISITES/RESTRICTIONS): Undergraduate level MA 26100 Minimum Grade of C- or Undergraduate level MA 17200 Minimum Grade of C- or Undergraduate level MA 27100 Minimum Grade of C- or Undergraduate level MA 18200 Minimum Grade of C- or Undergraduate level MA 17400 Minimum Grade of C- or Undergraduate level MA 26300 Minimum Grade of C-

**COURSE LEARNING OUTCOMES:**

<table>
<thead>
<tr>
<th>Calumet Department Head</th>
<th>Date</th>
<th>Calumet School Dean</th>
<th>Date</th>
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<tbody>
<tr>
<td>Fort Wayne Department Head</td>
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<td>Fort Wayne School Dean</td>
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<tr>
<td>Indianapolis Department Head</td>
<td>Date</td>
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<td>Date</td>
</tr>
<tr>
<td>Central Faculty Senate Chair</td>
<td>Date</td>
<td>Vice Chancellor for Academic Affairs</td>
<td>Date</td>
</tr>
<tr>
<td>West Lafayette Department Head</td>
<td>Date</td>
<td>West Lafayette College/School Dean</td>
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</table>

**OFFICE OF THE REGISTRAR**
ARTMENT: Civil Engineering  
EFFECTIVE SESSION: Fall 2010

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

☐ 1. New course with supporting documents  
☐ 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 (department head signature only)  
☐ 8. Change in instructional hours  
☐ 9. Change in course description  
☐ 10. Change in course requisites/restrictions  
☐ 11. Change in semesters offered (department head signature only)  
☐ 12. Transfer from one department to another

PROPOSED:  
Subject Abbreviation: CE  
Course Number: 44000

EXISTING:  
Subject Abbreviation: CE  
Course Number: 44000

TERMS OFFERED:  
Check All That Apply:  
☐ Summer  
☒ Fall  
☐ Spring

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

Abbreviated title will be entered by the Office of the Registrar if omitted. (50 CHARACTERS ONLY)

CREDIT TYPE:
1. Fixed Credit: Cr. Hrs. 3
2. Variable Credit Range:
   (Check One)  
   ☐ To  
   ☐ Or  
   ☒ Maximum Cr. Hrs.  
   ☐ Equivalent Credit: Yes  
   ☒ No

COURSE ATTRIBUTES: Check All That Apply:
6. Registration Approval Type  
   ☐ Department  
   ☒ Instructor

7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
Undergraduate level CE 34000 minimum grade of C.

*COURSE LEARNING OUTCOMES:

Calumet Department Head  
Date
Calumet School Dean  
Date

Fort Wayne Department Head  
Date
Fort Wayne School Dean  
Date

Indianapolis Department Head  
Date
Indianapolis School Dean  
Date

West Lafayette Department Head  
Date
West Lafayette College/School Dean  
Date

Sandra Schaeff  
Date
West Lafayette Registrar  
Date

OFFICE OF THE REGISTRAR
PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

DEPARTMENT: Civil Engineering
EFFECTIVE SESSION: Fall 2010

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

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12. Transfer from one department to another

PROPOSED:

Subject Abbreviation: 
Course Number: 
Long Title: 
Short Title: 
Abbreviated title will be entered by the Office of the Registrar if omitted. (20 CHARACTERS ONLY)

EXISTING:

Subject Abbreviation: CE
Course Number: 44000

TERMS OFFERED:

Check All That Apply:
- Summer
- Fall
- Spring

CAMPUS(ES) INVOLVED:
- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- W. Lafayette

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

SCHEDULE TYPE

- Lecture
- Tutorial
- Independent Study
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Cross-Listed Courses

COURSE ATTRIBUTES: Check All That Apply

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

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
Undergraduate level CE 34000 minimum grade of C-

*COURSE LEARNING OUTCOMES:

Calumet Department Head Date
Calumet School Dean Date
Fort Wayne Department Head Date
Fort Wayne School Dean Date
Indianapolis Department Head Date
Indianapolis School Dean Date
Central Faculty Senate Chair Date
Vice Chancellor for Academic Affairs Date
West Lafayette Department Head Date
West Lafayette Collegiate School Dean Date
West Lafayette Registrar Date

OFFICE OF THE REGISTRAR
**PURDUE UNIVERSITY**

**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE**

(10000-49000 LEVEL)

**ARTMENT Civil Engineering**

**EFFECTIVE SESSION Fall 2010**

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

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</thead>
<tbody>
<tr>
<td>Course Number</td>
<td>Course Number</td>
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</table>

**TERMS OFFERED**

- [x] Summer
- [x] Fall
- [x] Spring

**CAMPUS(ES) INVOLVED**

- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- Tech Statewide
- W. Lafayette

**ABBRIEVATED TITLE** will be entered by the Office of the Registrar if omitted. (20 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
3. Equivalent Credit: Yes [ ] No [x]

**SCHEDULE TYPE**

- [ ] Core
- [ ] Lecture
- Presentation
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observ

**CREDIT TYPE**

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Special Fees

**COURSE ATTRIBUTES:**

1. Registration Approval Type
   - Department
   - Instructor
2. Variable Title
3. Honors
4. Full Time Privilege
5. Off Campus Experience

**COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):**

Undergraduate level CE 34000 minimum grade of C-

**COURSE LEARNING OUTCOMES:**

---

**Calumet Department Head**

Date

**Calumet School Dean**

Date

**Fort Wayne Department Head**

Date

**Fort Wayne School Dean**

Date

**Indianapolis Department Head**

Date

**Indianapolis School Dean**

Date

**Central Faculty Senate Chair**

Date

**Vice Chancellor for Academic Affairs**

Date

**West Lafayette Department Head**

Date

**West Lafayette College/School Dean**

Date

**West Lafayette Registrar**

Date

**OFFICE OF THE REGISTRAR**
**PURDUE UNIVERSITY**
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-49999 LEVEL)

**DEPARTMENT**: Civil Engineering
**EFFECTIVE SESSION**: Fall 2010

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

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

**PROPOSED**:

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<tr>
<td>Short Title</td>
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Abbreviated title will be entered by the Office of the Registrar if omitted. (50 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

**SCHEDULE TYPE**

- Lecture
- Station
- Presentation
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observ

**TERMS OFFERED**

- [ ] Summer
- [x] Fall
- [x] Spring

**CAMPUS(ES) INVOLVED**

- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- Tech Statewide
- W. Lafayette

**COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):**

Undergraduate level CE 34000 minimum grade of C-

**COURSE LEARNING OUTCOMES:**

**Calumet Department Head**

**Calumet School Dean**

**Fort Wayne Department Head**

**Fort Wayne School Dean**

**Indianapolis Department Head**

**Indianapolis School Dean**

**Central Faculty Senate Chair**

**Vice Chancellor for Academic Affairs**

**West Lafayette Dean**

**West Lafayette Registrar**

**OFFICE OF THE REGISTRAR**
Office of the Registrar
FORM 40 REV. 4/10

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

ARTMENT: Civil Engineering
EFFECTIVE SESSION: Fall 2010

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

1. New course with supporting documents
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 (department head signature only)
8. Change in instructional hours
9. Change in course description
10. Change in course requisites/restrictions
11. Change in semesters offered (department head signature only)
12. Transfer from one department to another

PROPOSED:

Subject Abbreviation: CE
Course Number: 45700
Long Title: 
Short Title: 

EXISTING:

Subject Abbreviation: 
Course Number: 

TERMS OFFERED:

Check All That Apply:
- [ ] Summer
- [ ] Fall
- [x] Spring

CAMPUS(ES) INVOLVED:
- [ ] Calumet
- [ ] Cont Ed
- [x] Tech Statewide
- [ ] Ft. Wayne
- [ ] W. Lafayette
- [ ] Indianapolis

Abbreviated title will be entered by the Office of the Registrar if omitted. (20 CHARACTERS ONLY)

CREDIT TYPE
1. Fixed Credit: Cr. Hrs: 3
2. Variable Credit Range: Minimum Cr. Hrs: (Check One) To Or 3. Equivalent Credit: Yes

Course Attributes: Check All That Apply
1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Special Fees
6. Registration Approval Type
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

Schedule Type
- [ ] Core
- [ ] Presentation
- [ ] Laboratory
- [ ] Lab Prep
- [ ] Studio
- [ ] Distance
- [ ] Clinic
- [ ] Experiential
- [ ] Research
- [ ] Ind. Study
- [ ] Pract/Observ

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
Undergraduate level CE 34000 minimum grade of C-

*COURSE LEARNING OUTCOMES:

Calumet Department Head Date
Calumet School Dean Date

Fort Wayne Department Head Date
Fort Wayne School Dean Date

Indianapolis Department Head Date
Indianapolis School Dean Date

North Central Faculty Senate Chair Date

Office of the Registrar

OFFICE OF THE REGISTRAR
### PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE (10000-40000 LEVEL)

**DEPARTMENT:** Civil Engineering  
**EFFECTIVE SESSION:** Fall 2010

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

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

### PROPOSED:

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Abbreviated title will be entered by the Office of the Registrar if omitted. (20 CHARACTERS ONLY)

### TERMS OFFERED

- [ ] Summer
- [ ] Fall
- [x] Spring

### CAMPUS(ES) INVOLVED

- [x] Calumet
- [ ] Cont Ed
- [ ] Tech Statewide
- [ ] Ft. Wayne
- [ ] Indianapolis
- [x] W. Lafayette

### CREDIT TYPE

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

### COURSE ATTRIBUTES: Check All That Apply

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

### Schedule/Type

- [ ] Lecture
- [ ] Presentation
- [ ] Laboratory
- [ ] Lab Prep
- [ ] Studio
- [ ] Distance
- [ ] Clinic
- [ ] Experiential
- [ ] Research
- [ ] Ind. Study
- [ ] Pract/Observ

### Minutes Per Mtg  
Meetings Per Week  
Weeks Offered  
% of Credit Allocated

### COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Undergraduate level CE 34000 minimum grade of C-

### COURSE LEARNING OUTCOMES:

- [ ] Calumet Department Head  
  Date
- [ ] Fort Wayne Department Head  
  Date
- [ ] Indianapolis Department Head  
  Date
- [ ] Central Faculty Senate Chair  
  Date
- [ ] Vice Chancellor for Academic Affairs  
  Date
- [ ] West Lafayette Department Head  
  Date
- [ ] West Lafayette College/School Dean  
  Date

### OFFICE OF THE REGISTRAR
### INSTRUCTIONS: Please check the items below which describe the purpose of this request.

1. New course with supporting documents
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 (department head signature only)
8. Change in instructional hours
9. Change in course description
10. Change in course requisites
11. Change in semesters offered (department head signature only)
12. Transfer from one department to another

### PROPOSED:

- **Subject Abbreviation:** CE
- **Course Number:** 315
- **Course Title:** Civil Engineering Materials
- **Short Title:** Civil Engng Materials
- **Credit Type:**
  - **Fixed Credit Cr. Hrs:** 3
  - **Variable Credit Range:**
    - **Minimum Cr. Hrs:**
    - **Maximum Cr. Hrs.:**
  - **Equivalent Credit:** Yes
  - **Thesis Credit:** Yes
- **Instructional Type:**
  - Lecture: 75
  - Laboratory: 2
  - Distance: 
  - Clinic: 
  - Experiential: 
  - Research: 
  - Ind. Study: 
  - Pract/Observe: 

### EXISTING:

- **Subject Abbreviation:**
- **Course Number:**
- **Course Title:**
- **Short Title:**
- **Credit Type:**
  - **Fixed Credit Cr. Hrs:**
  - **Variable Credit Range:**
  - **Equivalent Credit:**
  - **Thesis Credit:**
- **Instructional Type:**
  - Lecture: 
  - Laboratory: 
  - Distance: 
  - Clinic: 
  - Experiential: 
  - Research: 
  - Ind. Study: 
  - Pract/Observe: 

### 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.:** 3
- **2. Variable Credit Range:**
  - Minimum Cr. Hrs.
  - Maximum Cr. Hrs.
- **3. Equivalent Credit:** Yes
- **4. Thesis Credit:** Yes

### COURSE Attributes:

- **1. Pass/Not Pass Only**
- **2. Satisfactory/Unsatisfactory Only**
- **3. Repeatable**
- **4. Credit by Examination**
- **5. Designator Required**
- **6. Special Fees**
- **7. Registration Approval Type**
  - Instructor

### COURSE DESCRIPTION (INCLUDE REQUISITES):

P: CE 252. Study the nature and performance of civil engineering materials and evaluation of their physical and mechanical properties. This course focuses on materials used in construction and maintenance of buildings and infrastructure such as ferrous and nonferrous metals, aggregates, Portland cement, concrete, masonry, asphalt and asphalt mixes, wood and composites. Emphasis will be placed on selection criteria, design, applications and proper use of these materials.