## PURDUE UNIVERSITY

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

**(10000-40000 LEVEL)**

### DEPARTMENT

Division of Construction Engineering and Management

### 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
- Change in semesters offered (department head signature only)
- Transfer from one department to another

### PROPOSED:

- Subject Abbreviation: CEM
- Course Number: 28000
- Long Title: Construction Engineering Seminar
- Short Title: Construction Engrg Seminar

### EXISTING:

- Subject Abbreviation: 
- Course Number: 
- Long Title: 
- Short Title: 

### TERMS OFFERED:

- Check All That Apply:
  - [ ] Summer
  - [ ] Fall
  - [ ] Spring
- CAMPUS(ES) INVOLVED:
  - [ ] M. Central
  - [ ] Tech-Blattner
  - [ ] Ft. Wayne
  - [ ] W. Lafayette
  - [ ] Indianapolis

### CREDIT TYPE

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Minimum Cr. Hrs.</th>
<th>Grade Requirement</th>
<th>Maximum Credits</th>
<th>Repeatability</th>
<th>Credit by Examination</th>
<th>Special Fees</th>
<th>% of Credit Allocated</th>
<th>Days Offered</th>
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<tbody>
<tr>
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<td>Pract/Coop</td>
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</table>

### COURSE ATTRIBUTES:

- Registration Approval Type: Department
- Instructor
- Variable Title
- Honors
- Full Time Internship
- Off Campus Experience

### CROSS-LISTED COURSES

<table>
<thead>
<tr>
<th>Cross-Listed Courses</th>
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</table>

### COURSE DESCRIPTION [INCLUDE REQUIREMENTS/RESTRICTIONS]:

- Prerequisite: CEM 191 Construction Engineering Internship
  - An orientation course to prepare the student for professional practice in construction engineering, including information on careers and issues in construction; History and Culture of the U.S. Construction Industry; Engineering Ethics and Preparation for Leadership. Information and assistance is also provided related to Specialty Options for Plans of Study; Student Organizations; Opportunities for Construction Research and Community Outreach at Purdue.

### COURSE LEARNING OUTCOMES

- To help you learn more about the construction industry
- To help you prepare for your professional practice after graduation
- To help you prepare for upcoming internship work periods

### SIGNatures:

- Column Department Head:  
  - Date
  - Signature

- Column School Dean:  
  - Date
  - Signature

- Fort Wayne Department Head:  
  - Date
  - Signature

- Fort Wayne School Dean:  
  - Date
  - Signature

- Indianapolis Department Head:  
  - Date
  - Signature

- Indianapolis School Dean:  
  - Date
  - Signature

- North Central School Dean:  
  - Date
  - Signature

- North Central Vice Chancellor for Academic Affairs:  
  - Date
  - Signature

- West Lafayette Department Head:  
  - Date
  - Signature

- West Lafayette College School Dean:  
  - Date
  - Signature

- West Lafayette Registrar:  
  - Date
  - Signature

### OFFICE OF THE REGISTRAR

Date: 21-10
**PURDUE UNIVERSITY**
**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE**
(10000-40000 LEVEL)

**DEPARTMENT**: Division of Construction Engineering and Management  
**EFFECTIVE SESSION**: Spring 2010 (2010-2020)

**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 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**: 
Subject Abbreviation: CEM  
Course Number: 29000  
Long Title: Construction Engineering Seminar

**EXISTING**: 
Subject Abbreviation:  
Course Number:  
Long Title: Construction Engineering Seminar

**COURSE ATTRIBUTES**: 
- ✔ Registration Approval Type
- ✔ Instructor
- ✔ 7 Variable Title
- ✔ 8 Honors
- ✔ 9 Full Time Privilege

**TERMS OFFERED**: 
- ✔ Summer
- ✔ Fall
- ✔ Spring

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

**COURSE DESCRIPTION (INCLUDE REGULATORY/RESTRICTIONS)**:
Prerequisite: CEM 191 Construction Engineering Internship
An orientation course to prepare the student for professional practice in construction engineering. Including information on careers and issues in construction: History and Culture of the U.S. Construction Industry; Engineering Ethics and Preparation for Leadership. Information and assistance is also provided related to Specialty Options for Plans of Study; Student Organizations; Opportunities for Construction Research and Community Outreach at Purdue.

**COURSE LEARNING OUTCOMES**:
To help you learn more about the construction industry
To help you prepare for your professional practice after graduation
To help you prepare for upcoming internship work periods

**SCHEDULE TYPE**
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<tr>
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<td>6 Registration Approval Type</td>
<td>Department</td>
<td>Instructor</td>
<td>7 Variable Title</td>
<td>8 Honors</td>
<td>9 Full Time Privilege</td>
<td>10 Off Campus Experience</td>
</tr>
</tbody>
</table>

**Lecture**
- Minutes Per Week: 50
- Weeks Offered: 16
- % of Credit Allocated: 100

**Course Description**

**OFFICE OF THE REGISTRAR**

Calumet Department Head: Date  
Calumet School Dean: Date

Ft. Wayne Department Head: Date  
Ft. Wayne School Dean: Date

Indianapolis Department Head: Date  
Indianapolis School Dean: Date

North Central School Dean: Date  
North Central Vice Chancellor for Academic Affairs: Date

West Lafayette Department Head: Date  
West Lafayette College School Dean: Date  
West Lafayette Registrar: Date
TO: The Faculty of the College of Engineering
FROM: Division of Construction Engineering and Management
RE: Change in Credit for Undergraduate Level Course CEM 29000 Construction Engineering Seminar

The faculty of the Division of Construction Engineering and Management has approved the following changes to an existing course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From: CEM 29000 Construction Engineering Seminar
Sem. 2, Lecture 1, Cr. 0. Prerequisite: CEM 19100 Construction Internship I

Description: An orientation course to prepare the student for professional practice in construction engineering including information on Careers and Issues in Construction; History and Culture of the U.S. Construction Industry; Engineering Ethics and Preparation for Leadership. Information and assistance is also provided related to Specialty Options for Plans of Study and Student Organizations.

To: CEM 29000 Construction Engineering Seminar
Sem. 2, Lecture 1, Cr. 1. Prerequisite: CEM 19100 Construction Internship I

Description: An orientation course to prepare the student for professional practice in construction engineering including information on Careers and Issues in Construction; History and Culture of the U.S. Construction Industry; Engineering Ethics and Preparation for Leadership. Information and assistance is also provided related to Specialty Options for Plans of Study; Student Organizations; Opportunities for Construction Research and Community Outreach at Purdue.

Reason: The content of the course will be enhanced (1 credit) to introduce an oral and written communication requirement. This provides students greater exposure and practice in understanding issues in the Construction Industry. The assignments will be collected and graded.

Makana Hatake, Head
Division of Construction Engineering and Management

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

ECC Minutes #21
Date March 30, 2010
Chairman ECC R. Cipra
CEM 290  
Preparation for Professional Practice  
Construction Engineering and Management  
Spring 2009  

Dr. Deanna McMillan  
Thursday at 12:30 – 1:20 PM, Room 1252 Civil Building  
Questions: dimcmill@purdue.edu

Notes For Students:  

1. Objectives of this course  
   • To help you learn more about the construction industry  
   • To help you prepare for your professional practice after graduation  
   • To help you prepare for upcoming internship work periods  

2. Course administration  
   • Attendance in CEM 290 is mandatory. A class roster is circulated at each class session for student sign-up. More than two unexcused absences will result in the student receiving an unsatisfactory grade for the course. Sleeping in class, reading the newspaper, or doing homework, will be counted as an unexcused absence.  
   • Guest speakers in CEM 290 are special guests of Purdue University. Each comes to our class to contribute their time and involvement, at personal or company cost, and they are entitled to our sincere respect. The best way to respect guests is for you to (1) give the speaker your total attention throughout the class, and (b) take an active part in the speaker’s question-and-answer period.
3. Course topics and number of lessons
   - Careers and Issues in Construction 8
   - History and Culture of the U.S. Construction Industry 2
   - Information and assistance on:
     - Student Organizations 5
     - Specialty Options and Plans of Study
     - Preparation for Leadership
     - Opportunities for Construction Research and Community Outreach at Purdue
   Total 15

Campus Emergency: In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances. Here are ways to get information about changes in this course. Blackboard Vista web page, my email address: dimcmill@purdue.edu, and my office phone: 764.494.2242. In case of emergency, you can also contact the CEM Division office at 765.494.2244.
# CEM 290

*Construction Engineering Seminar*

*Class Schedule, Spring 2009*

<table>
<thead>
<tr>
<th>DATE</th>
<th>Topic</th>
<th>Industry Issues</th>
<th>History Culture</th>
<th>Information/Preparation</th>
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<tbody>
<tr>
<td>January 15:</td>
<td>Introduction to CEM290, Deanna McMillan</td>
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<td>Company Contact – Readiness (Bonnie Sondgeroth)</td>
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<td>January 29:</td>
<td>Nuclear Power – Construction Planning for Alternative Power (Vic Chrjapin)</td>
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<td>February 5:</td>
<td>Undergrad Research – Engineering Library (Megan Nelson)</td>
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<td>February 12:</td>
<td>Government and International Projects in China (Prof. Rui Liu)</td>
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<tr>
<td>February 19:</td>
<td>'A Day in the Life' (Mike Duwel, Holder)</td>
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<td>Pre Construction, LEED &amp; BIM</td>
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<td>Lewie Wallace/ Student Organizations</td>
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<td>March 5:</td>
<td>Communication &amp; Ethical Behavior (John Locke, Mass Electric)</td>
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<td>March 12:</td>
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<td>March 19:</td>
<td>Spring Break</td>
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<td>March 26:</td>
<td>The Difference between Electric Power Projects – US and China (Prof. Rui Liu)</td>
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<td>April 2:</td>
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<td>April 9:</td>
<td>Labor and Estimating in China Construction (Prof. Rui Liu)</td>
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<td>April 16:</td>
<td>Green Build - Materials (Jim Sharar-Stoppel)</td>
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<td>Deanna McMillan, course wrap-up</td>
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