

EPD 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 Fall Spring 2010 (201020) 20110

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 (department head signature only)
<input type="checkbox"/> 2. Add existing course offered at another campus	<input type="checkbox"/> 8. Change in instructional hours
<input type="checkbox"/> 3. Expiration of a course	<input checked="" 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 type="checkbox"/> 11. Change in semesters offered (department head signature only)
<input checked="" 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:
Subject Abbreviation <u>CEM</u>	Subject Abbreviation _____	<input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring
Course Number <u>29000</u>	Course Number _____	CAMPUS(ES) INVOLVED
Long Title <u>Construction Engineering Seminar</u>		<input type="checkbox"/> Calumet <input type="checkbox"/> N. Central
Short Title <u>Construction Engrg Seminar</u>		<input type="checkbox"/> Cont Ed <input type="checkbox"/> Tech Statewide
<small>Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)</small>		<input type="checkbox"/> Ft. Wayne <input checked="" type="checkbox"/> W. Lafayette
		<input type="checkbox"/> Indianapolis

CREDIT TYPE	COURSE ATTRIBUTES: Check All That Apply
1. Fixed Credit Cr. Hrs. <u>1.0</u>	1. Pass/Not Pass Only <input type="checkbox"/>
2. Variable Credit Range:	2. Satisfactory/Unsatisfactory Only <input type="checkbox"/>
Minimum Cr. Hrs. _____	3. Repeatable <input type="checkbox"/>
(Check One) To <input type="checkbox"/> Or <input type="checkbox"/>	Maximum Repeatable Credit: _____
Maximum Cr. Hrs. _____	4. Credit by Examination <input type="checkbox"/>
3. Equivalent Credit: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	5. Special Fees <input type="checkbox"/>
	6. Registration Approval Type <input type="checkbox"/>
	Department <input type="checkbox"/> Instructor <input type="checkbox"/>
	7. Variable Title <input type="checkbox"/>
	8. Honors <input type="checkbox"/>
	9. Full Time Privilege <input type="checkbox"/>
	10. Off Campus Experience <input type="checkbox"/>

Schedule Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Cross-Listed Courses
Lecture	50	1	16	100	
Recitation					
Presentation					
Laboratory					
Lab Prep					
Studio					
Distance					
Clinic					
Experiential					
Research					
Ind. Study					
Pract/Observ					

COURSE DESCRIPTION (INCLUDE REQUISITES/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

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 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 _____

OFFICE OF THE REGISTRAR

[Handwritten Signature]

12/23/09

[Handwritten Signature]

[Handwritten Signature] 5/20/10

5/19/10

EFD 21-10

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

DEPARTMENT Division of Construction Engineering and Management EFFECTIVE SESSION Spring 2010 (201020)

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PROPOSED: Subject Abbreviation <u>CEM</u> Course Number <u>29000</u> Long Title <u>Construction Engineering Seminar</u> Short Title <u>Construction Engrg Seminar</u>	EXISTING: Subject Abbreviation _____ Course Number _____	TERMS OFFERED Check All That Apply: <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring
Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)		CAMPUS(ES) INVOLVED <input type="checkbox"/> Calumet <input type="checkbox"/> N. Central <input type="checkbox"/> Cont Ed <input checked="" type="checkbox"/> Tech Statewide <input type="checkbox"/> Ft. Wayne <input checked="" type="checkbox"/> W. Lafayette <input type="checkbox"/> Indianapolis

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3. Equivalent Credit: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	3. Repeatable <input type="checkbox"/>
	4. Credit by Examination <input type="checkbox"/>
	5. Special Fees <input type="checkbox"/>
	6. Registration Approval Type Department <input type="checkbox"/> Instructor <input type="checkbox"/>
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Recitation					
Presentation					
Laboratory					
Lab Prep					
Audio					
Distance					
Clinic					
Experiential					
Research					
Ind. Study					
Pract/Observ					

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Prerequisite: CEM 191 Construction Engineering Internship I
 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
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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 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

[Signatures and dates: 12/23/09, 4/15/10]

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.

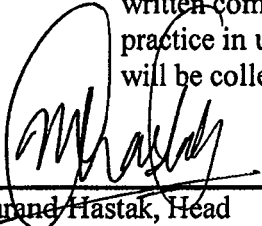
From: **CEM 29000 Construction Engineering Seminar**
Sem. 2, Lecture 1, Cr. 0. Prerequisite: CEM 19100 Construction Internship I

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.


Makarand Hastak, 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:	5
○ Student Organizations	
○ 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

DATE	Topic	Industry Issues	History Culture	Information/ Preparation
January 15:	Introduction to CEM290, Deanna McMillan Company Contact - Readiness (Bonnie Sondgeroth)			X
January 22:	Footprints: Environmental Issues (Janna Stath-Yelich, P.E., ERM)	X		
January 29:	Nuclear Power - Construction Planning for Alternative Power (Vic Chrjapin)	X	X	X
February 5:	Undergrad Research - Engineering Library (Megan Nelson)			X
February 12:	Government and International Projects in China (Prof. Rui Liu)	X		
February 19:	'A Day in the Life' (Mike Duwel, Holder) Pre Construction, LEED & BIM	X		X
February 26:	Lewie Wallace/ Student Organizations	X		X
March 5:	Communication & Ethical Behavior (John Locke, Mass Electric)	X		
March 12:	Mechanical/Electrical Construction (Mark Shambaugh, P.E., Shambaugh & Son)	X		X

March 19:	Spring Break			
March 26:	The Difference between Electric Power Projects – US and China (Prof. Rui Liu)	X		
April 2:	Class Registration			X
April 9:	Labor and Estimating in China Construction (Prof. Rui Liu)	X		
April 16:	Green Build - Materials (Jim Sharar-Stoppel)	X	X	
April 23:	Deanna McMillan, course wrap-up			