

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

EFD 13-14
CE 35000
201430

DEPARTMENT Civil Engineering EFFECTIVE SESSION Summer 2014

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 type="checkbox"/> 9. Change in course description
<input type="checkbox"/> 4. Change in course number	<input checked="" type="checkbox"/> 10. Change in course requisites
<input checked="" type="checkbox"/> 5. Change in course title	<input type="checkbox"/> 11. Change in semesters offered (department head signature only)
<input type="checkbox"/> 6. Change in course credit/type	<input type="checkbox"/> 12. Transfer from one department to another

PROPOSED: Subject Abbreviation <u>CE</u>	EXISTING: Subject Abbreviation <u>CE</u>	TERMS OFFERED Check All That Apply: <input checked="" type="checkbox"/> Summer <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring
Course Number <u>35000</u>	Course Number <u>35000</u>	CAMPUS(ES) INVOLVED <input type="checkbox"/> Calumet <input type="checkbox"/> N. Central <input type="checkbox"/> Conl Ed <input type="checkbox"/> Tech Statewide <input type="checkbox"/> Ft. Wayne <input checked="" type="checkbox"/> W. Lafayette <input checked="" type="checkbox"/> Indianapolis
Long Title <u>Introduction to Environmental and Ecological Engineering</u>		
Short Title <u>Intro Env & Eco Eng</u> <u>Intro Env And Ecot Engineering</u>		

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

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

Schedule Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture				
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

EEE 350

RECEIVED
FEB 04 2014
OFFICE OF THE REGISTRAR

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
REPLACE the prerequisites with the following:
MA 16200 or MA 16600 or MA 17300 or MA 22200 or MA 22400; and CHM 11200 or CHM 11600 or CHM 13600; and PHYS 17200 or PHYS 22000
Minimum Grade of D-

*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	Vice Chancellor for Academic Affairs	Date
West Lafayette Department Head	Date	West Lafayette College/School Dean	Date
		West Lafayette Registrar	Date

Wanda Worley 2/25/14 *Wanda Worley 2/25/14* *Sandra Schaffner 3/3/14*

OFFICE OF THE REGISTRAR

LAM 2/26/14

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
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EEE 35000

DEPARTMENT Environmental and Ecological Engineering EFFECTIVE SESSION Summer 2014

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<p>PROPOSED: Subject Abbreviation <u>EEE</u></p> <p>Course Number <u>35000</u></p> <p>Long Title <u>Introduction to Environmental and Ecological Engineering</u></p> <p>Short Title <u>Intro Env & Ecol Eng</u></p>	<p>EXISTING: Subject Abbreviation <u>EEE</u></p> <p>Course Number <u>35000</u></p>	<p>TERMS OFFERED Check All That Apply:</p> <p><input checked="" type="checkbox"/> Summer <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring</p> <p>CAMPUS(ES) INVOLVED</p> <p><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</p>
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<p>CREDIT TYPE</p> <p>1. Fixed Credit Cr. Hrs. <u> </u></p> <p>2. Variable Credit Range: <u> </u></p> <p>Minimum Cr. Hrs <u> </u></p> <p>(Check One) To <input type="checkbox"/> Or <input type="checkbox"/></p> <p>Maximum Cr. Hrs <u> </u></p> <p>3. Equivalent Credit: Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>COURSE ATTRIBUTES: Check All That Apply</p> <p>1. Pass/Not Pass Only <input type="checkbox"/></p> <p>2. Satisfactory/Unsatisfactory Only <input type="checkbox"/></p> <p>3. Repeatable <input type="checkbox"/></p> <p>Maximum Repeatable Credit: <u> </u></p> <p>4. Credit by Examination <input type="checkbox"/></p> <p>5. Fees <input type="checkbox"/> Coop <input type="checkbox"/> Lab <input type="checkbox"/> Rate Request <input type="checkbox"/></p> <p>6. Registration Approval Type <input type="checkbox"/></p> <p>Department <input type="checkbox"/> Instructor <input type="checkbox"/></p> <p>7. Variable Title <input type="checkbox"/></p> <p>8. Honors <input type="checkbox"/></p> <p>9. Full Time Privilege <input type="checkbox"/></p> <p>10. Off Campus Experience <input type="checkbox"/></p>
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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	Vice Chancellor for Academic Affairs	Date
<u>John W. Featherland</u>	11/18/13	<u>[Signature]</u>	<u>[Signature]</u> 2/20/14
West Lafayette Department Head	Date	West Lafayette College School Dean	Date
		West Lafayette Registrar	Date

OFFICE OF THE REGISTRAR

LAM
2/19/14

TO: The Faculty of the College of Engineering

FROM: The School of Civil Engineering and the Division of Environmental & Ecological Engineering

SUBJECT: Changes in Undergraduate Level Course CE 35000 Prerequisites and Course Title

The Faculties of the School of Civil Engineering and the Division of Environmental & Ecological Engineering have approved the changes in description of the course listed below. This action is now submitted to the Engineering Faculty with recommendation for approval.

FROM: CE/EEE 35000: Environmental Engineering

Sem. 1, 2. Class 3, cr. 3. Prerequisite: CHM 116 or equivalent.

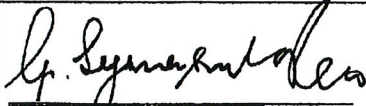

Introduction to water pollution, air pollution, noise, hazardous and solid wastes, and their control. Environmental impact statements and global pollution issues. Field trips required.

TO: CE/EEE 35000: Introduction to Environmental & Ecological Engineering

Sem. 1, 2. Class 3, cr.3. Prerequisites: MA 16200 or MA 16600 or MA17300 or MA 22200 or MA 22400; and CHM 11200 or CHM 11600 or CHM 13600; and PHYS 17200 or PHYS 22000.

Introduction to principles of Environmental & Ecological Engineering. Class addresses relationships between engineering activities and the environment. Principles of sustainability, environmental chemistry, physical processes, and environmental microbiology applied to environmental and ecological issues are presented. Lecture topics include processes to control the release of contaminants to the environment; conservation and recovery of resources; water, air, and soil pollution; green engineering; and LEED. Field trips required.

REASON: The course title and course description has been changed to more accurately reflect the content of the revised class, which addresses proactive and reactive engineering activities related to the environment. The new list of prerequisites more accurately reflects academic requirements for this class.

 Rao S. Govindaraju Bowen Engineering Head and Professor School of Civil Engineering	 John W. Sutherland Professor and Fehsenfeld Family Head Environmental & Ecological Engineering
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APPROVED BY THE ENGINEERING CURRICULUM COMMITTEE

ECC Minutes 1/28/14

Date 1/28/14

Approved by ECC

