Office of the Registrar FORM 40 REV. 5/11

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

EFD 13-14 CE 36000

EPARTMENT Civil Engineering	EFFECTIVE SESSION Su	mmer 2014 201430
ISTRUCTIONS: 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 ca 3. Expiration of a course 4. Change in course number 5. Change in course title 6. Change in course credit/type	mpus ☐ 8. Cha ☐ 9. Cha ☑ 10. Cha ☐ 11. Cha	ange in course attributes (department head signature only) ange in instructional hours ange in course description ange in course requisites ange in semesters offered (department head signature only) ansfer from one department to another
ROPOSED: EXIST		TERMS OFFERED
ubject Abbreviation CE Subject	Abbreviation CE	Check All That Apply:
ourse Number 35000 Course ang Title Introduction to Environmental and Ecologic	Number 350	CAMPUS(ES) INVOLVED  Calumot  N. Central  Tech Statewide
	And Ecol Engineering	Ft. Wayne W. Lefayette
CREDIT TYPE	******************************	BUTES: Check All That Apply
Fixed Credit Cr. Hrs. 1. Pass/Not F  Variable Credit Range 2. Satisfector  Minimum Cr. Hrs  (Check One) To Or Maximum Cr. Hrs  Maximum Cr. Hrs 4. Credit by 8  Equivalent Credit Yes No 5. Fees 5	Pass Only 6 Reg y/Unsatisfactory Only 7 e 7 Var eum Repeatable Credit: 8 Hor examination 9 Full	pistration Approval Type Department
ichedule Type Minutes Meetings Per Weeks Per Mig Week Offered	% of Credit Allocated	Cross-Listed Courses
geture Recitation Presentation aboratory ab Prep Studio Distance Dinic Experiential Research nd. Study PrecVObserv COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS): REPLACE the prerequisities with the following: MA 18200 or MA 18600 or MA 17300 or MA 22200 or		CEIVED  B () 1 2014  EEE 350  IE OF THE RECOGNIRAR  IM 11600 or CHM 13600; and PHYS 17200 or PHYS 22000
Minimum Grade of D- COURSE LEARNING OUTCOMES		
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Wayday Volen 2125/14 10	School Deen Date  MARY Writer 212  Is School Dean Date	5/14
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OFFICE OF THE REGISTRAR

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Office of the Registrar FORM 40 REV, 5/11

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

EFE 35000

DEPARTMENT   Environmental and Ecological Engineering   FFECTIVE SESSION  Summer 2014		En duammantal a		al Facina ordina	]		2014	2011	123		
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Course Number	<ul> <li>1. New course with supporting documents</li> <li>2. Add existing course offered at another campus</li> <li>3. Expiration of a course</li> <li>4. Change in course number</li> <li>5. Change in course title</li> <li>7. Change in course attributes (department head signature only)</li> <li>8. Change in instructional hours</li> <li>9. Change in course description</li> <li>10. Change in course requisites</li> <li>11. Change in semesters offered (department head signature only)</li> </ul>										
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1. Flease Condit Cr. Hrs. 2. Versiels Condit Regore Minimum Cr. Hrs. (Check Cris) (		Short Title Intro Env & Ecol Eng * Indianapolis  Abbreviated title will be entered by the Office of the Registrar If omitted. (30 CHARACTERS ONLY)									
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OFFICE OF THE REGISTRAR

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Engineering Faculty Document No. 13-14
Date: November 18, 2013

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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

him W. Sutherland

Environmental & Ecological Engineering

OF THE SUPLICIES OF ENGINEERING CURRICULUM COMMITTEE

ECC Minutes

Date

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