TO: The Faculty of the College of Engineering
FROM: The Faculty of the Division of Environmental and Ecological Engineering
RE: New Course: EEE 39599: Professional Practice Extensive Co-Op V

The Academics Committee of the Division of Environmental and Ecological Engineering has approved the following new course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

EEE 39599 Professional Practice Extensive Co-Op V
Sem. 1, 2, or 3, Experiential, cr. 0.
Restrictions: Professional Practice students only, Permission of department required.
Prerequisite: EEE 39499

Professional experience in environmental and ecological engineering. Program coordinated by EEE with cooperation of participating employers and the Office of Professional Practice. Students submit summary report and company evaluation.

Reason: The creation of this course will allow students in the BSEEE program to participate in the five-session “extensive” Co-Op program, as administered by the Office of Professional Practice; this course is part of the sequence of EEE 29199, 29299, 39399, 39499, and 39599. The course number and title are consistent for analogous Professional Practice courses throughout the College of Engineering.

Learning Objectives: Students completing this course will: (1) apply knowledge to identifying and solving problems in the professional engineering context; (2) advance skills related to professional preparation, critical thinking, problem solving, communication, and teamwork; and (3) increase understanding of the engineering profession and practice, basic engineering principles, and principles and practice of ethical responsibility in professional work.

John W. Sutherland
Fehsenfeld Family Head and Professor
Division of Environmental and Ecological Engineering

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE ENGINEERING
CURRICULUM COMMITTEE
ECC Minutes 06 21/13
Date 2-1-13
Chairman ECC 2-15
PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

DEPARTMENT: Environmental and Ecological Engineering
EFFECTIVE SESSION: Fall 2013 (20141C)

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: EEE
Course Number: 39599
Long Title: Professional Practice Extensive Co-Op V
Short Title: Pro Pract Ext Co-Op V

EXISTING:

Subject Abbreviation
Course Number

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

CAMPUS(ES) INVOLVED:

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

CREDIT TYPE
1. Fixed Credit: Cr. Hrs.: [Box for 0 credits]
2. Variable Credit Range:
   Minimum Cr. Hrs.
   (Check One) To
   Maximum Cr. Hrs.
3. Equivalent Credit: Yes ☑ No [Box for 0 equivalents]

Course Attributes:
Check All That Apply
1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only [Box]
3. Repeatable
4. Credit by Examination
5. Fee: ☑ Coop ☑ Lab Rate Request
   Include comment to explain fee
6. Registration Approval Type
   ☑ Department ☑ Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience [Box]

Schedule Type
Minutes Per Mtg. Meetings Per Week Weeks Offered % of Credit Allocated
Lecture
Recitation
Presentation
Laboratory
Lab Prep
Study
Distance
Clinic
Experiential [Box for 100%
Research
Ind. Study
Pract/Observ

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
Professional experience in Environmental and Ecological Engineering. Program coordinated by EEE with cooperation of participating employers and the Office of Professional Practice. Students submit summary report and company evaluation. Prerequisite: EEE 39499.

*COURSE LEARNING OUTCOMES:
Students completing this course will: (1) apply knowledge to identifying and solving problems in the professional engineering context; (2) develop skills related to professional preparation, critical thinking, problem solving, communication, and teamwork; and (3) increase understanding of the engineering profession and practice, basic engineering principles, and principles and practice of ethical responsibility in professional work.

Calumet Department Head: [Signature] Date
Calumet School Dean: [Signature] Date
Ft. Wayne Department Head: [Signature] Date
Ft. Wayne School Dean: [Signature] Date
Indianapolis Department Head: [Signature] Date
Indianapolis School Dean: [Signature] Date

Office of the Registrar

[Signature] Date 3/18/13
TO: The Faculty of the College of Engineering
FROM: The Faculty of the Division of Environmental and Ecological Engineering
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John W. Sutherland
Fehsenfeld Family Head and Professor
Division of Environmental and Ecological Engineering

[Signature]

[Stamp] Engineering Faculty Document No. 13-13
November 12, 2012
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