TO: The Faculty of the College of Engineering

FROM: The Faculty of the Division of Environmental and Ecological Engineering

RE: New Course: EEE 39499: Professional Practice Extensive Co-Op IV

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 39499  Professional Practice Extensive Co-Op IV**
Sem. 1, 2, or 3, Experiential, cr. 0.
Restrictions: Professional Practice students only, Permission of department required.
Prerequisite: EEE 39399

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 2/11/13
Date 2/11/13
Chairman ECC 2/13
Office of the Registrar
FORM 40 REV. 5/11

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

DEPARTMENT: Environmental and Ecological Engineering
EFFECTIVE SESSION: Fall 2013 (201410)

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 prerequisites
11.Change in semesters offered (department head signature only)
12.Transfer from one department to another

PROPOSED:

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>EEE</th>
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<tbody>
<tr>
<td>Course Number</td>
<td>39499</td>
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<tr>
<td>Long Title</td>
<td>Professional Practice Extensive Co-Op IV</td>
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<tr>
<td>Short Title</td>
<td>Pro Pract Ext Co-Op IV</td>
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EXISTING:

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<th>Subject Abbreviation</th>
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<td>Short Title</td>
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TERMS OFFERED:

- Fall
- Spring
- Summer

CAMPUS(ES) INVOLVED:

- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- Tech Statewide
- W. Lafayette

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

CREDIT TYPE

1.Fixed Credit Cr. Hrs.: 0
2.Variable Credit Range:
   Minimum Cr. Hrs. (Check One) To Or
   Maximum Cr. Hrs.
3.Equivalent Credit: Yes No

COURSE ATTRIBUTES:

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Fees: Coop Lab Rate Request
   Include comment to explain fee
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

Cross-Listed Courses:

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 39389.

COURSE LEARNING OUTCOMES:

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.

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

OFFICE OF THE REGISTRAR

12-13

3-17-13
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