TO: The Faculty of the College of Engineering

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

RE: New Course: EEE 39399: Professional Practice Extensive Co-Op III

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 39399 Professional Practice Extensive Co-Op III**
Sem. 1, 2, or 3, Experiential, cr. 0.
Restrictions: Professional Practice students only, Permission of department required.
Prerequisite: EEE 29299

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
Office of the Registrar
PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-49999 LEVEL)

DEPARTMENT: Environmental and Ecological Engineering
EFFECTIVE SESSION: Fall 2013 (201413)

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- New course with supporting documents
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit/type
- Change in course attributes (department head signature only)
- Change in instructional hours
- Change in course description
- Change in course requisites
- Change in semesters offered (department head signature only)
- 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>38359</td>
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<tr>
<td>Long Title</td>
<td>Professional Practice Extensive Co-Op III</td>
</tr>
<tr>
<td>Short Title</td>
<td>Pro Pract Ext Co-Op III</td>
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PROPOSED: Abbreviated title will be entered by the Office of the Registrar if omitted. (20 CHARACTERS ONLY)

TERMS OFFERED: Check All That Apply:
- Fall
- Spring
- Summer

CAMPUS(ES) INVOLVED:
- Calumet
- Cont Ed
- Ft Wayne
- Indianapolis
- N. Central
- Tech Statewide
- W. Lafayette

CREDIT TYPE

<table>
<thead>
<tr>
<th>1. Fixed Credit: Cr. Hrs.</th>
<th>0</th>
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<tr>
<td>2. Variable Credit Range:</td>
<td>Minimum Cr. Hrs.</td>
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<td></td>
<td>To Cr</td>
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<td></td>
<td>Maximum Cr. Hrs.</td>
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<td>3. Equivalent Credit:</td>
<td>Yes No</td>
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COURSE ATTRIBUTES: Check All That Apply

- Pass/Not Pass Only
- Satisfactory/ Unsatisfactory Only
- Repeatability
- Maximum Repeatable Credit:
- Credit by Examination
- Variable Title
- Honors
- Full Time Privilege
- Off Campus Experience

Schedule Type

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Recitation</th>
<th>Presentation</th>
<th>Laboratory</th>
<th>Lab Prep</th>
<th>Studio</th>
<th>Distance</th>
<th>Clinic</th>
<th>Experiential</th>
<th>Research</th>
<th>Ind. Study</th>
<th>Pract/Observ</th>
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<table>
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<tr>
<th>Minutes Per Mtg</th>
<th>Meetings Per Week</th>
<th>% of Credit Allocated</th>
</tr>
</thead>
</table>

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 29299.

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/Dean Date

OFFICE OF THE REGISTRAR
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