TO: The Faculty of the College of Engineering

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

RE: New Course: EEE 38199: Professional Practice Co-Op I

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 38199 Professional Practice Co-Op I
Sem. 1, 2, or 3, Experiential, cr. 0.
Restrictions: Professional Practice students only, Permission of department required.

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 three-session Co-Op program, as administered by the Office of Professional Practice; the course is part of the sequence of EEE 38199, 38299, and 38399. 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
Feisenfeld 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 2/1/13 06
Date 2/1/13
Chairman ECC
### Request for Addition, Expiration, or Revision of An Undergraduate Course

**Department:** Environmental and Ecological Engineering  
**Effective Session:** Fall 2013 (201410)

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

- **Check All That Apply:**
  - 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:** 38199
- **Long Title:** Professional Practice Co-Op I
- **Short Title:** Pro Pract Co-Op I

**EXISTING:**

- **Subject Abbreviation:**
- **Course Number:**

**TERMS OFFERED:**

- **Check All That Apply:** Fall, Spring, Summer
- **Campus(es) Involved:**
  - Calumet
  - Cont Ed
  - N. Central
  - Tech Statewide
  - Ft. Wayne
  - W. Lafayette
  - Indianapolis

**Abbreviated title will be entered by the Office of the Registrar if omitted. (50 Characters Only)**

#### CREDIT TYPE

1. **Fixed Credit:** Cr. Hrs.  
2. **Variable Credit Range:**  
   - Minimum Cr. Hrs.  
   - Maximum Cr. Hrs.  
   - Equivalent Credit: Yes [ ] No [ ]

#### COURSE ATTRIBUTES

- 1. Pass/Not Pass Only  
- 2. Satisfactory/Unsatisfactory Only  
- 3. Repeatable  
- 4. Credit by Examination  
- 5. Fees: [X] Coop [ ] Lab [ ] Rate Request  
- 6. Registration Approval Type: [X] Instructor  
- 7. Variable Title  
- 8. Honors  
- 9. Full Time Privilege  
- 10. Off Campus Experience

**Schedule/Type:**
- Lecture
- Recitation
- Presentation
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observ

**Minutes Per Mid:**  
**Meetings Per Week:**  
**Weeks Offered:**  
**% of Credit Allocated:**

**COURSE DESCRIPTION**

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.

***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:** [Signature]  
**Date:**  
**Calumet School Dean:** [Signature]  
**Date:**

**Fort Wayne Department Head:** [Signature]  
**Date:**  
**Fort Wayne School Dean:** [Signature]  
**Date:**

**Indianapolis Department Head:** [Signature]  
**Date:**  
**Indianapolis School Dean:** [Signature]  
**Date:**

**Vice Chancellor for Academic Affairs:** [Signature]  
**Date:**  
**West Lafayette Registrar:** [Signature]  
**Date:**

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**OFFICE OF THE REGISTRAR**

[Signature]

**[Date]:** 3/16/13

**[Date]:** 4/13
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FROM: The Faculty of the Division of Environmental and Ecological Engineering
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