TO: The Faculty of the College of Engineering  
FROM: The Faculty of the Division of Environmental and Ecological Engineering  
RE: New Course: EEE 38299: Professional Practice Co-Op II

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 38299 Professional Practice Co-Op II**  
Sem. 1, 2, or 3, Experiential, cr. 0.  
Restrictions: Professional Practice students only, Permission of department required.  
Prerequisite: EEE 38199

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  
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 02/11/13 06  
Date 2/1/13  
Chairman ECC
**PURDUE UNIVERSITY**
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF 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.

- [x] 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: 38299
- Long Title: Professional Practice Co-Op II
- Short Title: Pro Pract Co-Op II

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

**TERMS OFFERED:**
- Check All That Apply: Fall [x] Spring [x] Summer [ ]

**CAMPUS(ES) INVOLVED:**
- Calumet [ ] Cont Ed [ ] Tech Statewide [ ]
- Ft. Wayne [ ] Indianapolis [x] W. Lafayette [ ]

**CREDIT TYPE:**
- 1. Fixed Credit: Cr. Hrs.: [ ]
- 2. Variable Credit Range: Minimum Cr. Hrs. (Check One) [ ]
- 3. 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: Department [ ] Instructor [x]
- 7. Variable Title
- 8. Honors
- 9. Full Time Privilege
- 10. Off Campus Experience

**COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):**
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**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 practices of ethical responsibility in professional work.

**DEPARTMENT HEADS:**
- Calumet Department Head: [ ] Date
- Fort Wayne Department Head: [ ] Date
- Indianapolis Department Head: [ ] Date
- North Central Faculty Senate Chair: [ ] Date
- West Lafayette Department Head: [ ] Date

**SCHOOL DEANS:**
- Calumet School Dean: [ ] Date
- Fort Wayne School Dean: [ ] Date
- Indianapolis School Dean: [ ] Date
- Vice Chancellor for Academic Affairs: [ ] Date
- West Lafayette College/School Dean: [ ] Date

**OFFICE OF THE REGISTRAR:**

[Signature]

**UNIVERSITY OF THE REGISTRAR:**

[Signature]

**Date:** 3/8/13

[Signature]

**Office Date:** 15/13
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