

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

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE ENGINEERING
CURRICULUM COMMITTEE

ECC Minutes 06 2/1/13

Date 1/2/13

Chairman ECC [Signature]

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



DEPARTMENT Environmental and Ecological Engineering

EFFECTIVE SESSION Fall 2013 (20141D)

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

- | | |
|---|---|
| <input checked="" type="checkbox"/> 1. New course with supporting documents | <input type="checkbox"/> 7. Change in course attributes (department head signature only) |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours |
| <input type="checkbox"/> 3. Expiration of a course | <input type="checkbox"/> 9. Change in course description |
| <input type="checkbox"/> 4. Change in course number | <input type="checkbox"/> 10. Change in course requisites |
| <input type="checkbox"/> 5. Change in course title | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type | <input type="checkbox"/> 12. Transfer from one department to another |

PROPOSED:

Subject Abbreviation EEE

Course Number 39399

Long Title Professional Practice Extensive Co-Op III

Short Title Pro Pract Ext Co-Op III

EXISTING:

Subject Abbreviation _____

Course Number _____

TERMS OFFERED

Check All That Apply:

- Fall Spring Summer

CAMPUS(ES) INVOLVED

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Calumet | <input type="checkbox"/> N. Central |
| <input type="checkbox"/> Cont Ed | <input type="checkbox"/> Tech Statewide |
| <input type="checkbox"/> Ft. Wayne | <input checked="" type="checkbox"/> W. Lafayette |
| <input type="checkbox"/> Indianapolis | |

Abbreviated title 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: Check All That Apply

- | | |
|--|---|
| 1. Pass/Not Pass Only | 6. Registration Approval Type
Department <input checked="" type="checkbox"/> Instructor <input type="checkbox"/> |
| 2. Satisfactory/Unsatisfactory Only <input checked="" type="checkbox"/> | 7. Variable Title <input type="checkbox"/> |
| 3. Repeatable <input type="checkbox"/> | 8. Honors <input type="checkbox"/> |
| Maximum Repeatable Credit: _____ | 9. Full Time Privilege <input type="checkbox"/> |
| 4. Credit by Examination <input type="checkbox"/> | 10. Off Campus Experience <input checked="" type="checkbox"/> |
| 5. Fees: <input checked="" type="checkbox"/> Coop <input type="checkbox"/> Lab <input type="checkbox"/> Rate Request | |
| Include comment to explain fee | |

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

Cross-Listed Courses
RECEIVED
2013 FEB -6 PM 9:55
OFFICE OF THE REGISTRAR

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/School Dean _____ Date _____

Andrea Schaffner 3/8/13
West Lafayette Registrar _____ Date _____

OFFICE OF THE REGISTRAR

UD 3/7/13
11-13

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