

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 2/1/13

Date 2/1/13

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 (201410)

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 39499
Long Title Professional Practice Extensive Co-Op IV
Short Title Pro Pract Ext Co-Op IV

EXISTING:

Subject Abbreviation _____
Course Number _____

TERMS OFFERED

Check All That Apply:

- Fall Spring Summer

CAMPUS(ES) INVOLVED

- Calumet N. Central
 Cont Ed Tech Statewide
 Ft. Wayne W. Lafayette
 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
2. Satisfactory/Unsatisfactory Only
3. Repeatable
Maximum Repeatable Credit: _____
4. Credit by Examination
5. Fees: Coop Lab Rate Request
Include comment to explain fee
6. Registration Approval Type
Department Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

Schedule Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	_____	_____	_____	_____
Recitation	_____	_____	_____	_____
Presentation	_____	_____	_____	_____
Laboratory	_____	_____	_____	_____
Lab Prep	_____	_____	_____	_____
Studio	_____	_____	_____	_____
Distance	_____	_____	_____	_____
Clinic	_____	_____	_____	_____
Experiential	<input checked="" type="checkbox"/>	_____	_____	100
Research	_____	_____	_____	_____
Ind. Study	_____	_____	_____	_____
Pract/Observ	_____	_____	_____	_____

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 39399.

***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 _____

[Signature] 3/8/13
West Lafayette Registrar _____ Date _____

OFFICE OF THE REGISTRAR

W 3/7/13
12-13

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

ECC Minutes 06 2/1/13

Date 2/1/13

