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

DEPARTMENT: Environmental and Ecological Engineering
EFFECTIVE SESSION: Fall 2014

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

☐ 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 requirements
☐ 11. Change in semesters offered (department head signature only)
☐ 12. Transfer from one department to another

PROPOSED:
Subject Abbreviation: EEE
Course Number: 29000
Long Title: Introduction to EEE Seminar
Short Title: Intro to EEE Seminar

EXISTING:

Course Number

TERMS OFFERED:
Check All That Apply:
☐ Summer ☑ Fall ☑ Spring

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

Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

CREDIT TYPE:

1. Fixed Credit; Cr. Hrs.: 1
2. Variable Credit Range: Minimum Cr. Hrs. (Check One) To: Or:
   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
   ☑ Lab Rate Request
   ☐ Off Campus Experience

Schedule Type

Lecture Hours Meeting Per 20 Minutes
Percentage Per Week Offered Allocated

Cross-Listed Courses

RECEIVED
FEB 6 4 2014

OFFICE OF THE REGISTRAR

COURSE DESCRIPTION (INCLUDE PREREQUISITES/RESTRICTIONS): Seminar lectures and discussions to introduce students to the program and aspects of professional planning within Environmental and Ecological Engineering. Topics include planning a course of study, internship, research, and study abroad opportunities, career planning and placement skills, professional responsibility and ethics, and functioning as a professional.

COURSE LEARNING OUTCOMES:
Students successfully completing the EEE introductory seminar will be able to exhibit:
1. An ability to communicate professionally during formal and informal interviews;
2. An understanding of how their actions and/or inactions are perceived in professional settings;
3. An ability to identify and justify their curricular path at Purdue University;
4. An ability to plan a path to achieve career goals while utilizing the curricular and extra-curricular resources of EEE and Purdue University.

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

West Lafayette Registrar
Date

OFFICE OF THE REGISTRAR

LAM 2/7/2014
TO: The Faculty of the College of Engineering
FROM: The Division of Environmental and Ecological Engineering
SUBJECT: New Undergraduate Course, EEE 29000, EEE Introduction to Environmental and Ecological Engineering Seminar

The Faculty 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 29000: Introduction to EEE Seminar**
*Sem. 1, Lecture 1, Credits 1*
Restrictions: Open only to students in BSEE degree program, or with consent of instructor.

**Course description:**
Seminar lectures and discussions to introduce students to the program and aspects of professional planning within Environmental and Ecological Engineering. Topics include planning a course of study, internship, research, and study abroad opportunities, career planning and placement skills, professional responsibility and ethics, and functioning as a professional.

**Reasons:**
This one-credit seminar course is planned as a core course in the Environmental and Ecological Engineering undergraduate curriculum; students will take this course in the fall semester of their second year as part of learning more about EEE and professional preparation. The course will be required for the BSEE degree.

The focus of this course is planning the students’ undergraduate education and professional preparation: developing a plan of study, research and internships opportunities, international and student abroad opportunities, exposure of students to professional opportunities and discussion of personal professional planning.

John W. Sutherland, Head
Division of Environmental and Ecological Engineering
EEE 29000: Introduction to EEE Seminar (EFD 6-14)

Level: Undergraduate

Course Instructor(s): Abigail Engelberth, John Howarter and other EEE faculty on guest basis

Course Outline:
1. Resume writing for Industrial Roundtable
2. Resume peer-review
3. Professional behavior in today's work environment
4. Leveraging diversity (cultural, generational, etc.) in professional settings
5. Interviewing and internships
6. Developing a plan of study
7. Professional behavior in the EEE classroom
8. EEE courses and instructors
9. Becoming a professional engineer (FE and PE Exam)
10. Planning a career path with an EEE degree
11. Undergraduate research & experiential learning
12. Study abroad and international career opportunities
13. Roles of professional societies & Purdue student societies (SEEE)
14. Developing healthy mentoring relationships

Course Objectives:
Students successfully completing the EEE introductory seminar will be able to exhibit:
1. An ability to communicate professionally during formal and informal interviews;
2. An understanding of how their actions and/or inactions are perceived in professional settings
3. An ability to identify and justify their curricular path at Purdue University
4. An ability to plan a path to achieve career goals while utilizing the curricular and extra-curricular re-
sources of EEE and Purdue University.

Textbooks and readings:
There is no textbook for this course.

Grading:
20% Attendance and Participation
80% Writing assignments, drafts and revisions of career planning documents, peer reviews of resumes,
profiling professional engineers, etc.

Previous Teaching:
This course was first offered in Fall 2013 as EEE 495.