

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

Print Form

EFD25-12

DEPARTMENT Engineering Education

EFFECTIVE SESSION Fall 2012

(201310)

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 ENGR

Course Number 40600

Long Title Engineering Ambassador Leadership Seminar

Short Title ENGR Ambassador Seminar

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

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

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 1
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

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ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	50	1	16	100
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Students will engage in a weekly seminar that includes topics such as leadership, professional skills, teamwork, and Purdue culture. Students will utilize these skills while representing Purdue College of Engineering to current and prospective students, alumni, donors, legislators, and other supporters of Purdue College of Engineering. Prerequisites: Must be selected as a College of Engineering Ambassador; Be currently enrolled full-time in the College of Engineering and have completed no less than three academic semesters at Purdue; Have a cumulative GPA of 2.8 or higher on 4.0 scale; Class is repeatable for credit

*COURSE LEARNING OUTCOMES:

Provide students with theoretical and experiential basis from which they may acquire and enhance their knowledge and skills in the areas of: Leadership principles and models; Purdue structure, culture, and engineering education opportunities; Personal/professional effectiveness, including teamwork and public speaking. Provide students with the opportunity to develop a personal philosophy of leadership that includes an understanding of self, others, and community.

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] 7/17/12
 West Lafayette Registrar _____ Date _____

LD
7/16/12

To: The Faculty of the College of Engineering
From: The Faculty of the School of Engineering Education
RE: New Undergraduate Level Course ENGR 40600 Engineering Ambassador Leadership Seminar

The Faculty of the School of Engineering Education has approved the following new course. This action is now submitted to the Engineering Faculty with recommendation for approval.

ENGR 40600 **Engineering Ambassador Leadership Seminar**
Semester 1 & 2, Lecture 1, Cr.1, Repeatable for credit

Restrictions: College of Engineering Ambassador, enrolled College of Engineering, full-time student, have completed at least three academic semesters at Purdue, Purdue cumulative GPA 2.8 or higher.

Course attribute: Approval by Instructor

Description:

Seminar on leadership theory, leadership style, professional skills, teamwork, mentoring, and cultural sensitivity. As a leadership experiential course, students will practice these skills while representing the Purdue College of Engineering to current and prospective students, alumni, donors, legislators, and other supporters of Purdue College of Engineering. Alumni, administration, and faculty leaders within the local community and leaders from industry will share their experiences in regards to various aspects of leadership. Students will also interact with these guests via conversation on a weekly basis.

Reason: This class was started as a resource to develop students' ability to effectively network and communicate with potential donors, alumni, and to serve as student leaders and mentors to first year engineering students, which is yet another aspect of leadership. The class started in the fall of 2004 and has had an average attendance of 20-25 students per semester as ENGR 19500, which was the only temporary number available for ENGR courses. The program has been very successful.



David Radcliffe, Professor and Kamyar Haghighi Head
School of Engineering Education

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

ECC Minutes 5/8/12

Date 5-25-2012

Chairman ECC R. Cipra

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Supporting Documentation
ENGR 40600, CRN
Engineering Ambassador Leadership Seminar

Teri Reed-Rhoads (Ambassador Advisor/Facilitator)
 Assistant Dean for Undergraduate Education
 College of Engineering
 Armstrong Hall Room 3000
 765.494.4966 Office - 765.404.8793 cell
trhoads@purdue.edu

Course Information:
 Spring Semester 2011
 Armstrong Hall B071
 Tuesday 6:00 pm

Missy Davies (Ambassador Liaison/Event Coordinator)
 Director of Stewardship
 Engineering Advancement
 Armstrong Hall, Room 2013
 765-496-6629
daviesm@purdue.edu

Course Description:

Students will engage in a weekly seminar that includes topics such as leadership, professional skills, teamwork, and Purdue culture. Students will utilize these skills while representing Purdue College of Engineering to current and prospective students, alumni, donors, legislators, and other supporters of Purdue College of Engineering.

Course Objectives:

1. Provide students with theoretical and experiential basis from which they may acquire and enhance their knowledge and skills in the areas of:
 - Leadership principles and models
 - Purdue structure, culture, and engineering education opportunities
 - Personal/professional effectiveness, including teamwork and public speaking
2. Provide students with the opportunity to develop a personal philosophy of leadership that includes an understanding of self, others, and community.

Course Grading:

General Information: This course is for engineering ambassadors. Speakers, readings, and event participation will provide the basis for reflection and discussion assignments.

Attendance and Class Participation: Attendance is important since you can't be a leader in absentia. Coming to class on time, as well as participation in discussion and activities is vital. You are expected to prepare for class as scheduled, raise and discuss issues pertaining to course material and ambassador events, and be an active participant in class.

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 DEAN OF ENGINEERING

If there is an anticipated absence, please discuss it with Teri or Missy in advance. In case of emergency, please attempt to reach Teri and or Missy by telephone or email. Sam Genson will also be a contact during special events.

Suggested Events/Duties

- **Attend an Engineering Information Session** – If you have not attended an EIS session or toured Armstrong Hall you should arrange to do this.
- **Promote Engineering at Purdue:** During one of the breaks visit your high school or visit one of the local high schools to talk about the engineering program. (PEP materials provided).
- **Shadow Program:** Gives you an opportunity to meet and eat with a student one-on-one. Show them what it’s like to be an engineering student. Spring semester only.
- **GRIP Program** –Students will be matched to a first year engineering GRIP student to mentor during the spring semester. (depending on the number of students in the program) You will be required to provide follow-up on the progress you made with the student and your overall experience. Spring semester only.
- **Face Book/Bloggers/:** Connect with future engineering students via Face book group (#2015). Volunteer to be an official Blogger. Correspond with admitted students from your home town to establish an open line of communication. Answer questions, talk about experiences such as:
 1. Kinds of classes you are taking for the semester.
 2. Activity involvements besides the Ambassador program.
- **Survival Sessions** – Work with FYE students before first round of exams. Offer a help session with snacks. How to study tips. (Plan this event for Fall semester)
- **Ambassador Project** – work together to do an outreach activity for faculty, staff, students or community.
- **College of Engineering Events** - You should plan to participate in at least two events during the spring semester and four events during the fall semester. A list of events along with a sign-up sheet will be provided.

Event Participation: The experiential aspect of this course will include participation in ambassador initiatives. In addition to events and programs that each student selects to participate in as ambassador responsibilities (minimum requirement of 2 or 4 events), there will be a few events that are required as part of this course. An event follow-up report and thank-you cards will be completed in class the following week after each event.

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Please Note: Any unexcused absence could result in the lowering of one letter grade. If you miss an event, class, meeting or other engagement without an excuse you could move from a letter grade A to a letter grade B.

**Grading Structure: Grades will be determined on a point basis as follows:

Class Participation/Attendance/ Required Reading	50 Points
Outreach Program Such as PEP, GRIP	10 Points
Outreach events: Tours, Scholar's & Family Day	10 Points
Ambassador Events – Alumni Events,	10 Points
Required events: Project, E-Week	20 Points
Total Possible Points	100 Points

Students with Disabilities: *Purdue University is required to respond to the needs of the students with disabilities as outlined in both the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 through the provision of auxiliary aids and services that allow a student with a disability to fully access and participate in the programs, services, and activities at Purdue University.*

If you have a disability, such as a physical or learning disability, that will require academic or other assistance in this course, please speak with one of us within the first three weeks of the semester to discuss accommodations.

Commitment to you:

- Prepared for class and ready to engage you in the topic of the day.
- Available and willing to talk with you about whatever concerns you have about the course or ambassador program.
- Available to take your call, visit or e-mail as needed.
- Review your work, evaluate your participation, and give you timely feedback.
- Continue to work with the Engineering team to make this class a positive environment where you are free to express yourself, encouraged to learn from and with others, and equipped to develop leadership skills.

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Expectation from you:

- You will be expected to be in class each scheduled session; complete exercises, and participate in events.
- You will be expected to be actively engaged in classroom discussions.
- Be open to new people, experiences and challenges so that you can grow as a leader.
- Finally, if something in class or the program needs to be improved, you should let the staff know.
- Be mindful that at the end of each semester you should make sure that the activities of this elective program are not interfering with your academic performance and also meet the guidelines for participation.

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