

IE 496 Lecture and IE 496 Internship
Seniors, Industrial and Systems Engineering
Description, Objectives, Grading
Spring 2008

Instructor:

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Mondays: Noon to 12:50 pm
213 O'Brian, North Campus

Description:

The IE Industrial Internship and Lecture are your transition from trainee engineer to practicing engineer.

- A one-day per week field experience working on an industrial engineering project in a manufacturing plant, hospital, library, police department, or similar location under the joint direction of a mentor from industry and a faculty advisor. Projects are selected which integrate the material learned in academic courses.
- A weekly one-hour seminar covering important aspects of Industrial Engineering such as professionalism, ethics, teamwork, engineering organizational structures, technical report writing and presentations, and resume writing and interviewing.

A final written report and oral presentation of the industrial project is required at the end of the semester. Oral presentations will be given during one day of final's week.

Objectives:

After this course you will be able to:

1. Perform a project to meet industrial and professional expectations, in terms of conduct, presentation and reports.
2. Apply ethical standards to your conduct in the profession, understand teamwork and appreciate the need for life-long, professional learning.
3. Perform the mechanical functions associated with professional work, e.g. analyze an industrial situation and provide appropriate design/redesign, function within an organizational structure, show competent written and oral technical communication skills including how to write a resume and participate in an interview.

Grading:

Final grades will be determined in the following manner:

1. Evaluation of class work – IE496 Lecture, 1 credit

Student Professionalism (scored by course instructor) 100%

- Class assignments including those on resume, ethics, life-long learning and teamwork
- Timely submission of forms, outline and reports
- Class participation and attendance

2. Evaluation of project – IE496 Internship, 3 credits

Academic Advisor Evaluation (scored by faculty member) 50%*

***more to come on this**

Instructor Evaluation (Dr. Barnes) 25%

Sponsor Evaluation (scored by company supervisor) 25%

Note: Students will not receive a final grade until all required assignments and forms have been submitted.

Schedule and Syllabus on separate document.