

LOUISIANA STATE UNIVERSITY  
*Department of Construction Management and Industrial Engineering*

**IE 3699      Engineering Practice      Fall 201\***  
**Credit hours: 3.0**

**COORDINATOR:**

Isabelina Nahmens, Ph.D.  
IE Program Director and Associate Professor  
Department of Mechanical & Industrial Engineering  
Louisiana State University  
3261C Patrick F. Taylor Hall, Baton Rouge, LA 70803  
office (225) 578-0943  
nahmens@lsu.edu

**COURSE DESCRIPTION:**

*Prereq: Consent of instructor. Pass-fail grading. A minimum of 6 weeks of full-time employment in industry on Industrial Engineering related design problems.*

This course provides credit for IE-related internships, and may be counted as an IE Tech A elective. The internship must involve one or more IE-related design problems in a real-world setting. You must also keep in communication with the IE faculty advisor overseeing your course registration throughout your registration, and provide a final report and presentation at the conclusion of your internship.

**EVALUATION**

100%      Final Report & Peer/Faculty/Client Evaluations

**GRADING:**      Pass / Fail

**PROCEDURES:**

1. You must receive approval to register for this course under an IE faculty **BEFORE** beginning your internship [no exceptions]. There is a form in the MIE website (<http://www.lsu.edu/eng/mie/>) for this purpose, which must be signed by yourself and by the IE faculty overseeing your work.
2. You will work out a communication schedule with your course faculty advisor; generally this will be weekly or every other week during the internship at the advisors discretion. Communication can be in person or by phone, email, skype, etc. These communications will be used to provide insight to your advisor on progress and problems encountered, as well as guidance to you on how to address design issues.
3. At the conclusion of the work, you must submit a final report to your course advisor documenting problem objectives, methodology, results, and reflection on what learned from the experience. The report should not contain any proprietary details however [have company review first]. Your advisor will also contact your internship supervisor for general feedback on your performance.
4. You will be asked to give a presentation at an IIE Meeting or in an IE class on your internships sometime in the semester immediately following your internship. This is not part of your evaluation for the course, but will be expected from you as a contributing member of our IE student community.