Engineering Management  
ENM 397P – Summer Project Course

A component of the Engineering Management Program’s curriculum is an independent study course, which is taken during the first summer session. Students work on their summer independent study course primarily in the months of June and July. In late July, all of the students gather for presentation days and present their projects. When a student enters the second summer session, they will present an overview or outline of their project during the presentation days. This document provides guidelines for the projects and presentations, but your supervisor may provide additional (or alternative) requirements.

CHOOSING A TOPIC AND SUPERVISOR

**TOPIC:**
Identify a topic that interests you, which appears or occurs in industrial/commercial organizations that you feel could be improved or should be better understood. You are expected to apply the skills and knowledge, which you have obtained thus far, in the Engineering Management Program, but are not limited to them. For either case, you will need to explore the literature in greater depth and gather information from within and outside of your organization.

**SUPERVISOR:**
Identify a faculty member who is interested in the topic and is willing to work with you. Your faculty supervisor should be an Engineering Management program instructor. If you are unable to find a supervisor, the program director can help you identify a suitable faculty member. You are also strongly encouraged to select a corporate (work) supervisor, preferably your supervisor or someone at a similar level within your company. Projects should be related to your organization’s business, and the project for the second summer project should flow from the first summer project.

### DATES and DEADLINES

**May 1**  
Provide CLEE with the supervisor name and topic for your summer project via the survey monkey link provided.

**For students graduating summer 2015**  
**July 27**  
Last date to apply to graduate:  
[http://www.utexas.edu/ogs/pdn/deadlines/masters_summer.html](http://www.utexas.edu/ogs/pdn/deadlines/masters_summer.html)

**July 29, 30, 31, August 1** - Presentation Days (first year students)  
**July 31, August 1** - Presentation Days (second year students)

**August 15th**  
Submit final report to your supervisor

### COMMUNICATION
The supervisor and the student should determine the best method for communicating on the project during the summer since there is no scheduled classroom time.
PROJECT SUBMISSION
1. Example summer project guidelines:
   a. Title page w/author (student name)
   b. What is the problem and its context?
      (Demonstrates the depth of your understanding of the central issue and ancillary issues.)
   c. Your solution to the problem.
      (Show you have understanding of the area you are working in and related problem or identify how
you have been able to apply your collective engineering management skills to recommend
alternative procedures, processes, systems, etc.)
   d. What did you learn?
      (What worked, what didn’t, an evaluation of the project or identify metrics for measuring and
monitoring success.)

2. Approximate length of project, 25 pages, depending upon supervisor’s direction.

3. A student’s report structure will vary depending upon the supervisor. It is the student’s responsibility
to work with the supervisor to best determine a mutually agreed upon report structure as well as the
length of the report.

4. Your project should demonstrate the depth of your understanding of the central issue and ancillary
issues of the project, and should also identify how you have been able to apply your engineering
management skills.

PRESENTATION
All students should be prepared to present a 10-minute synopsis of their report with visuals (PowerPoint,
etc.). Each presentation will be followed by a 10 minute Q&A where other students, faculty, and visitors
may inquire about specifics of the report/presentation.

A faculty member will be available to monitor the Q&A time, provide brief feedback on the presentation
and contribute information to the project supervisor regarding the project grade.

GRADING
A letter grade for the summer course will be given based upon the quality of the project.

ATTENDANCE
First year students are required to attend all four presentation days (July 29 – August 1). Second year
students are required to attend the final two days (July 31 - August 1).

SUMMER PROJECT/ REPORT
It is anticipated that the first summer project will be related and will support the project in the second
summer. If the student changes to a different faculty supervisor for the second project, a copy of the
project report for the first project must be provided to the new supervisor. The two projects are separate
three-semester-hour courses; each must be a complete body of work of appropriate scope, and each is
graded.