

TECH 4943: Senior Project Planning Seminar
Spring 2012
Wednesday, 12:40 PM – 1:35 PM, Room ET 200

TECH 4943 – Senior Project Planning Seminar (1 credit). Methodology related to solving problems in engineering technology culminating in an integrative experience through individual and/or team projects and technical proposal with technical presentation. One lecture hour per week. **PREREQUISITE:** ENGL 3603, TECH 3440, students must be within two semesters of graduation, and permission of instructor.

Instructor: Daniel Kohn, Office ET 218, 213-7811, dekohn@memphis.edu

Goals of TECH 4943

- To understand what constitutes an integrative senior project
- To understand the resources necessary to successfully complete a senior project
- To develop a senior project idea before **Feb 8, 2012**.
- To find a faculty member to advise you on your project
- Generate the Project Proposal document which will contain:
 - 1) a workable plan
 - 2) technical information about the project being proposed
- To present your proposal to the class

Other Activities

Several additional activities will take place as a part of this course. Among these will be:

- A work session to process your paperwork for graduation in December 2012. If you aren't graduating in December, 2012 you shouldn't be in this class. The deadline for filing your graduation application is July 18, 2012.
- A meeting with a representative of Career Services to introduce you to the services that they offer to you.
- Review for Senior Test over core subjects. You will be tested on Field of Study coursework in TECH 4945, Senior Project.

Grading:	Journal	20%
	Written Proposal	50%
	Proposal Presentation	10%
	Attendance/Professionalism	10%
	Senior Test (core subjects)	10%

Journal: You will keep a journal as a part of your project development activities. This will be kept on CATCH.COM and will be shared with the instructor (username dekohn2). This will be checked at random intervals so keep it up to date!

This is not a diary. You will use this journal to document your activities as you develop and research your project ideas and work to produce your written proposal document. This journal will be evaluated based on evidence that the journal was maintained consistently throughout the semester and whether the content is relevant and of value to your project. See the supplemental document titled "Laboratory Notebook Q&A."

Written Proposal: This is a comprehensive written proposal, not a memo. The final project will be an extensive document. It will form the basis for your work on the project itself, define the scope of your project, and define the measures of success that will be used in evaluating your final project in TECH 4945. You will be provided with a separate document outlining the requirements for the proposal document. This will be **due March 28, 2012**.

Proposal Presentation: You will present your proposal to the class and department faculty. This will be a brief presentation and should concisely outline your project intentions.

Attendance / Professionalism: Attendance is mandatory and along with professionalism, will constitute 10% of your grade. Professionalism includes, but is not limited to, professional correspondence with faculty, quality of work, timeliness for work, attitude, effort, etc.

Senior Test: As a part of our continuous improvement plan, some of the assessments used include senior testing. This test will cover material from courses in the Core Engineering Technology requirements (TECH 1010, 1521, 1211, 1711, 1811, 2821, 2822, 3044, 3440, 4462, 4381). We will have a couple of review sessions prior to the test since it may have been some time since the freshman courses. As part of your TECH 4945 Senior Project course in the Fall 2012 semester, you will take another senior test covering your specific fields of study.