

MAE 4188 - Senior Synthesis and Design II
Spring 2007
Fri 3:00 pm to 4:50 pm - Room 221 WH

INSTRUCTOR: Robert L. Woods Phone: 817 272-2029 E-mail: Woods@uta.edu
304a Woolf Hall Office hours: by appointment

GOALS: This course is a continuation of MAE 4287. This phase of the course is to formalize or build the design produced in 4287.

CLASS MEETING SCHEDULE

19 Jan	Organizational meeting
26 Jan	Unwritten laws of engineering. Proposals due.
2 Feb	Project review
9 Feb	Product liability
16 Feb	no class
23 Feb	Material selection (Goforth, 1 pm room 221)
2 Mar	Financial planning (Joe Moore)
9 Mar	no class
16 Mar	no class (Spring Break)
23 Mar	Mid-semester project review
30 Mar	Intellectual property (Stan Moore)
6 Apr	Professional ethics
13 Apr	Career planning and interviewing (Cheri Butler)
20 Apr	no class
27 Apr	Oral presentations of Projects
4 May	Final written reports due

GRADING POLICY

Grades will be given to individual students, not to projects or teams. A student's grade will be based on the following:

▪ Class attendance	15%
▪ Proposal	10%
▪ Mid-semester review (oral and written)	10%
▪ Faculty Sponsor evaluation	15%
▪ Project Monitor	5%
▪ Faculty evaluation of oral presentation	10%
▪ Homework	10%
▪ Final written report	<u>30%</u>
	100%

Key Assignments

The following key assignments must be completed in order to get a grade for this course: proposal, mid-semester project review, oral presentation by each individual student, and the final report.

Teams are required to meet with project monitor on a bi-weekly basis to give status reports.

American With Disabilities Act

The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 93112 - The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As a faculty member, I am required by law to provide "*reasonable accommodation*" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with **informing faculty at the beginning of the semester and in providing authorized documentation through designated administrative channels**. If you require an accommodation based on disability, I would like to meet with you in the privacy of my office during the first week of the semester to make sure that you are properly accommodated.

Academic Dishonesty

It is the philosophy of the University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22)