Instructor:
Dr. Reza Mirshams, Professor, Department of Engineering Technology
Office: F-128, Discovery Park
Telephone: 940-565-2594
E-mail Address: Reza.Mirshams@unt.edu
Office hours: TBD. You may make an appointment at possible convenient times.

Laboratory Instructor and Assistant:
SAIDEEP NAKKA
SaideepNakka@my.unt.edu

Brief Description:
The purpose of this laboratory is to provide students with hands-on experience in materials engineering, involving experiments and data acquisition, analysis of results, report writing and oral presentation.

Course Materials:
There is not a textbook for the laboratory; handouts will be posted to UNT Blackboard website during the semester. Students are responsible for reading and printing a copy of each laboratory experiment, safety rules, guidelines on laboratory reports, and keeping lab notebooks prior to the experiments.

References:

Experiments handouts
➢ I will post description for each laboratory experiment on UNT Blackboard website
   http://learn.unt.edu few days prior to the lecture for you to print and take notes on them.

Laboratory Guidelines
➢ I will post laboratory guidelines on UNT Blackboard website in the first week of the class.
➢ Each student will use one laboratory notebook. Read the posted guidelines regarding the laboratory notebook carefully and use the format described in the supplemental handout.
   Laboratory Teaching Assistant Instructor or I should sign your lab notebooks at the end of each laboratory session. Leave your laboratory notebook with the TA at the end of each class and pick up from his office by the end of the week. Your technical notes in notebook will be reviewed and evaluated and marked in a scale of 0-10 for completeness. The notebooks are due in at the end of semester on the final project presentation.

Laboratory Reports:
Team Formation
➢ I will form groups for submission of a full laboratory report by midterm and the laboratory team project. The groups will be formed by the end of 2nd week semester.
• Your midterm full team laboratory report is due on the date has been specified in the class schedule.
• Your team laboratory project report is due in the pre-final exam week at the time of oral presentation.

Oral Presentations/Discussions:
Along with team lab project report, you and your lab partners will prepare up to 10 slides to highlight your findings for your project. You will present these during the pre-final exam week at your lab hour’s section. In order to make sure that everyone has the opportunity to participate in the discussion, each member of a lab partner group must lead at least one section of the presentation and participate in discussion and answering questions. Team members will score other team members in the final quiz on their participations and contributions.

Evaluation and Grading Policy:

Evaluation Scale
Quizzes for Case Reviews 10%
Laboratory Notebook 20%
Midterm Full Lab Report (Team Report) 20%
Final Project Report (Team Report) 30%
Project Presentation 20%
Total 100%

Grading Policy
A: Above 90%
B: 75% – 89 %
C: 65% - 74%
D: 55% - 64%

DISABILITIES ACCOMODATION
The University of North Texas complies with Section 504 of the 1973 Rehabilitation Act and with the Americans with Disabilities Act of 1990. The University of North Texas provides academic adjustments and auxiliary aids to individuals with disabilities, as defined under the law. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please see the instructor and/or contact the Office of Disability Accommodation at 940-565-4323 during the first week of class.

ADDITIONAL COURSE POLICIES
1. Class Attendance: Attendance is required for the class hours.
2. This syllabus is subject to change at any time during the semester with changes to be announced during the class hours.
3. Cell phones, iPhones, iPods, iPads, laptops must be turned off or in silent mode before the start of the class and left in your pocket, purse, or book bag. Cell phones are not to be on the desks during quizzes or examinations.
4. Dishonesty: The UNT Catalog procedures on cheating and plagiarism will be vigorously enforced. It is the duty of each student to protect their work so it is not available to others for submission as their efforts. This is especially true of files that are generated on the computer. Students that knowingly allow others to use their work are partners in this unethical behavior. All rules relating to academic dishonesty will be enforced in accordance with University policies.
5. **Distribution of Course materials:** State common law and federal copyright laws protect this course lectures and materials. They have my own original expression and revisions to the textbook author(s) and I record them at the same time that I deliver them in order. Whereas you are authorized to take notes in class, thereby creating a derivative work from my lecture, and/or make a print of my lecture notes/slides. The authorization extends only to making one set of notes for your own personal use and no other use. You are not authorized to record my lectures, to provide your notes to anyone else or to make any commercial use of them without express prior permission from me.

6. **Absence for Religious Holidays:** In accordance with state law, a student absent due to the observance of a religious holiday may take examinations or complete assignments scheduled for the day(s) missed, including those missed for travel, within a reasonable time after the absence. The student is responsible to notify the instructor of each class of the date of the anticipated absence as early in the semester as possible. Only holidays or holy days observed by a religion whose place of worship is exempt from property taxation under Section 11.20 of the Tax Code may be included. A student who is excused under this provision may not be penalized for the absence.

7. **The Student Evaluation of Teaching Effectiveness (SETE)** is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.

Updated 08/24/2014
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