



Course Reference Number (CRN): 12873

Textbook: Studying Engineering by Raymond Landis, 4th edition

Prerequisite: None

Faculty: Methaq S. Abed, Ph.D., P.E.

Office Location: Old Engineering Building, room E 224

Office Phone: 915-747-6435

Email: msabed@utep.edu

Office Hours: 1:00 to 2:30pm (Tuesday, Thursday), another time by appointment.

Peer leader Name: Monserrat Salas mcsalasnava@miners.utep.edu

Peer Leader Office Hours: To be announced later

Librarian Name: Debjani Mukhopodhyay dmukhopodhyay@utep.edu

Advisor: Linda Vera lsvera@utep.edu

Meeting Time: (3:00 -4:20) am. TR

Class Location: Bell Hall Building 130 A

Start Date: 08/22/2016

End Date: 12/01/2016

Course Description

Introduction to the engineering profession; academic requirements; articulation agreements with four-year institutions; engineering ethics; professional engineering licensure; engineering study as a preparation for other careers; academic success strategies.

Classroom Policy

- It is required that you arrive on time in order not to disrupt the class.
- All computers/monitors, cell phones should be turned off during lecture.
- It is required to complete the UNIV 1301 End-of-Semester Survey.
- The instructor and the peer-leader need to meet with each student individually



- Always indicate the course and day of the class in the subject of the e-mails you send me.
- Late assignments for only one week will be accepted with 20% deduction from the assignment grade; late assignment for more than one week from the due date will not be accepted.
- There are no make-up exams unless a genuine reason is provided in the form of a printed memorandum, or medical documentation to verify the nature of emergency.

Grading Plan

Grading will be based on the following:

Tests: Worth **30 %** of your grade. Test must be taken on the day indicated by the instructor.

Resume: Worth **5%** of your grade. The resume has to be checked with career center.

Class participation: Worth **10% of** your grade. Group work will be assigned in the class and participation is required.

Attendance: Worth **10%** of your grade. Time sheet will be passed out every class to maintain records. We will be having 29 days of class meeting during the semester. If you miss only two classes with an appropriate reason, you will not lose any credit for attendance. Each day of class attendance is graded for 0.371 credits.

Extra- curricular activity: Worth **5%** of your grade. You will receive a credit based on your attending for two of UTEP events; you need to submit a typed paper describing the event (at least one page) after one week of that event.

Homework: Worth **10%** of your grade. Homework is due at the next class after it is assigned, and must be turned in at the beginning of the class.

Quizzes: Worth **5%** of your grade. No makeup quizzes will be given. The quizzes will be taken in the classroom.

End of the Semester Survey: Worth **10%** of your grade. It is required to respond to the UTEP email to complete the ESP Students feedback survey. I will receive a notification email about your completion without showing your responding in the survey.

Project: Worth **15%** of your grade. Make a poster based on the assigned topic.



Your final grade will be calculated based on the points you have accumulated as follows:

- A ≥ 90
- B ≥ 80 but < 90
- C ≥ 70 but < 80
- D ≥ 60 but < 70
- F < 60

Policy on Cheating

Students are expected to be above reproach in all scholastic activities. Students who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal 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 in 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). Scholastic dishonesty harms the individual, all students, and the integrity of the university, policies on scholastic dishonesty will be strictly enforced. **All cases of academic dishonesty will be referred to the Office for Student Conduct and Conflict Resolution.** Cheating or Plagiarism is the act of misrepresenting the work of someone else as your own or assisting another student by providing them with answers to exams or written work that is not their own. This includes copying from another, use of stolen exams, instructor’s notes or test key. Failure to use quotation marks and citing the source when using the written work of another includes Internet sources, using the collaborative work of a group without a prior approval of the instructor. Students are encouraged to review both the Academic Honesty Policy and the Student Discipline Policy. Failure to comply could result in disciplinary action such as receiving an “F” on the assignment, an “F” for the course.

| Week | Date | Lecture Topic | Reading Assignments | Assigned Problems Written Assignment (Hand in) | H.W. No. |
|------|-----------------|---|---------------------|---|----------|
| 1 | 08/23 - 08/25 | Key to Success in Engineering Study | 1.1-1.5 | | |
| 2 | 08/ 30 09/01 | The Engineering Profession Career Center Orientation | 2.1-2.4 | Ch.1 Prob. #2,3,6,15 | H.W #1 |
| 3 | 09/06– 09/08 | The Engineering Profession | 2.5-2.7 2.8-2.10 | Ch.2 Prob. #3 Ch.2 Prob.#12,26,27 | H.W #2 |
| 4 | 09/13– 09/15 | Rounding Numbers ,Engineering Notation, and Significant Figures , Units | | (In class group work) | |
| 5 | 09/20– 09/22 | The Engineering Profession Career Expo. | 2.10 | Ch.2. Prob.# 38,41 Resume Due Date | H.W#3 |



| | | | | | |
|----|-----------------|--|-------------------------------|----------------------|-------|
| 6 | 09/27– 09/29 | Librarian Orientation The Teaching/ Learning Process | 3.1-3.4 | Ch.3. Prob.#1,2 | H.W#4 |
| 7 | 10/04– 10/06 | The Teaching/ Learning Process Guest Speaker | 3.5-3.8 | Ch.3. Prob.# 4,5 | H.W#5 |
| 8 | 10/11– 10/13 | Test#1(ch.1,2,&3) Compliance Training (advisor visit) | | | |
| 9 | 10/18– 10/20 | 3D Printing Workshop Making the Most of How you're Taught | 4.1-4.3 | Ch.4. Prob.#1 | H.W#6 |
| 10 | 10/25– 10/27 | Making the Learning Process Work for You One –by- one meeting | 5.1-5.4 | Ch.5. Prob.# 3,6 | H.W#7 |
| | 10/28 | Course Drop Deadline | | | |
| 11 | 11/01– 11/03 | Personal Growth and Development Couri Visit | 6.1-6.4 | Ch.6. Prob.# 5,12,14 | H.W#8 |
| 12 | 11/08– 11/10 | Broadening Your Education Test # 2 (Ch.4,5,&6) | 7.1-7.4 | Ch.7. Prob.#12,25 | H.W#9 |
| 13 | 11/15- 11/17 | Wix- Workshop Using Info-graph | | | |
| 14 | 11/22- 11/24 | Guest Speaker Thanks giving (UTEP closed) | Guest Speaker | | |
| 15 | 11/29- 12/01 | Project Final Exam (presentation option 2) | Project Final Exam | | |

Note: 1. Schedule is tentative and subject to change.