

EE 3195 Junior Professional Orientation
10:30 to 11:20 Friday, CRBL-C205
Spring Semester 2015

Instructor: Miguel Vélez-Reyes, Ph.D., P.E.,
Professor of Electrical and Computer Engineering

Phone: (915) 747-5534

E-mail Address: mvelezreyes@utep.edu

Office: ENGR-A327

Office Hours: 10:00 – 12:00 MW

Required Course Text: There is no text for this course.

Course Description:

This course provides an introduction to the profession of electrical engineering with emphasis on career placement, public service, graduate study, engineering ethics and professional registration.

Topics Covered (Tentative)

- Career Placement
- Graduate Studies and options at UTEP
- Professional Registration
- Engineering Ethics
- Entrepreneurship
- Undergraduate Research
- Project Management and Systems Engineering
- UTEP ECE Specializations

Student Learning Outcomes: By the end of the term, each student will have:

1. Become informed about the Career Services Office and the process associated with obtaining placement both as an intern and/or a career professional.
2. Prepared a resume suitable for use to secure future professional employment.
3. Learned techniques for face-to-face and telephone interviews.
4. Learned how to evaluate job offers.
5. Explored possible career paths, including large company, small company, government, and academia.
6. Gained knowledge related to graduate studies and continuing education.
7. Become aware of the process involved in becoming registered as a Professional Engineer.
8. Gained an appreciation of common issues in engineering ethics
9. Become aware of available options in the ECE program.

Grading Policy: Your final grade in the class will be based upon the following:

Assignments: You will be required to complete approximately 3-4 assignments during the semester. Assignments will be worth 30% of your grade. Sample activities: Resume review, Path to graduation, graduate school application statement of interests, and reflection on area of interest.

Attendance to Out of Class Events:

- You are required to attend the Career Fair (Feb. 6, 9:00 am to 2:00 pm) or the Internship and Part-Time Job Fair (March 24 9:00 am to 1:00 pm). You will need to ensure that at registration they take note that you are a student in EE 3195. Career Services will send an attendance list and that is the evidence of your participation (10 % of your grade).
- You are required to participate in the March 6 webinar on Professional Engineering Ethics sponsored by the Texas Board of Professional Engineers, <http://www.tbpe.state.tx.us/webinars.html>. Notice that posted times are Dallas time. El Paso is an hour earlier (9 am and 1 pm). Notice that registration opens 30 days before the webinar. Spaces are limited (10% of your grade). You will need to turn in a copy of your registration and a 1 page summary of the webinar as the evidence of your participation.

Class Attendance: Part of your grade is to attend and participate in all seminars given as part of the course during class time. Attendance will be worth 50% of your grade. You will lose 10 of the 45 points for each unexcused absence. There is no penalty for excused absences. **Students will be dropped from the course after 2 absences regardless of whether they are excused or not.**

A course average within each of the following ranges will guarantee you *at least* the corresponding letter grade: A: 90-100, B: 80-89, C: 70-79, D: 60-69, F: <65.

Classroom Etiquette: Part of being a professional is being on time and being prepared to do your job. Coming to class late is unprofessional and is disruptive to the class. You are expected to be in class and prepared to participate at the scheduled start time. You are not allowed to enter the classroom after 10:35 am. Wireless devices (cell phones, PDA's, MP3 players, Smart phones, etc.) are allowed in the classroom. It is recognized that devices of this sort provide emergency access for your family and loved ones. However, please use professional discretion with these devices. This includes shutting them off or setting them in the silent mode before coming to class. Do not use text messaging or web browser features while you are in class. If you must answer the phone, please do so after discretely leaving the room. You may return to class once your call is finished. If you bring your laptop to the class, please do not do web browsing on it while the conference is taking place is disrespectful to the speaker and disruptive to the class.

Cheating/Plagiarism: Cheating is unethical and not acceptable. Plagiarism is using information or original wording in a paper without giving credit to the source of that information or wording: it is also not acceptable. Do not submit work under your name that you did not do yourself. You may not submit work for this class that you did for another class. If you are found to be cheating or plagiarizing, you will be subject to disciplinary action, per UTEP catalog policy.

Center for Accommodations and Support Services (CASS): If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.