

**Course Syllabus**  
**EE 3195 Junior Professional Orientation**  
**11:30 to 12:20 Friday, LART 108**  
**Fall Semester 2018**

**Instructor:** Rodolfo Aguirre, Ph.D.

Lecturer of Electrical and Computer Engineering

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**Office:** Engineering Annex Room A311

**Office Hours:** 03:00 – 05:00 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.

**Presentations and External Activities**

<b>Date</b>	<b>Speaker</b>	<b>Topic</b>
31-Aug	Betsabe Castro	Career Office: Resume and Cover Letter
7-Sep	Betsabe Castro	Career Office: Interviews
14-Sep	TI	Career Prep Sessions (External)
21-Sep*	Career Services	Career Expo
28-Sep	Telemetry Branch Chief, Zoe Aguirre	Working at white Sands Missile Range
5-Oct*	Career Office (External) + Dr. Miguel Velez- Reyes	Graduate and Professional School Fair (External) & ECE graduate programs
12-Oct	Dr. Lourdes Echeyogen	UG Research
19-Oct	Dr. David Novick	Entrepreneurship & Joint MS/MBA
26-Oct	Dr. Rodrigo Romero (TBC)	Professional Associations: IEEE
2-Nov	Dr. Virgilio Gonzalez (TBC)	Systems Eng
9-Nov	Dr. Aaron Waggoner (TBC)	Graduate School
16-Nov	Dr. Virgilio Gonzalez (TBC)	Project Management
23-Nov	Dr. Patricia Nava (TBC)	Computer Engineering
30-Nov	Dr. Raymond Rumpf (TBC) + Dr. Rodolfo Aguirre	Fields and Devices

**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. Developed an awareness of personal finances and saving for the future.
10. Designed a plan to lead to professional career employment.

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

*Assignments:* You will be required to complete approximately 6-8 assignments during the semester. Assignments will be worth 40% of your grade.

*Attendance at Campus Events:* You are required to attend both the Career Fair (Sept. 18-19) and the Graduate and Professional School Fair (Sept 30). Each is worth 5% toward your grade in the course.

*Class Attendance:* Part of your grade is to attend and participate in all presentations given as part of the course during class time. Attendance will be worth 45% of your grade. You will lose 10 of the 45 points for each unexcused absence. **Students will be dropped from the course after 2 unexcused absences.**

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: <60.

**Classroom Etiquette:** Part of being a professional is being on time and being prepared to do your job. This applies to your career as a student as much as it does to your future career as an engineer. 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. 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.

**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.

**Diabled Student Services Office(DSSO):** Students with special needs that are registered with DSSO are to contact the instructor in order to work out accommodations. DSSO may be contacted at 747-5148.