

Course Syllabus
EE 3195 Junior Professional Orientation
9:30 to 10:20 am Friday, BUSN 318
Spring Semester 2019

Instructor: Rodolfo Aguirre, Ph.D.

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Office: Engineering Annex Room A311

Office Hours: 03:00 – 05:00 T

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 (subject to change)

Date	Speaker	Topic
25-Jan	Betsabe Castro	Career Office: Resume and Cover Letter
1-Feb	Betsabe Castro	Career Office: Interviews
8-Feb*	Career Services	Engineering & Science EXPO
15-Feb	Dr. Rodrigo Romero	Professional Associations: IEEE
22-Feb	Telemetry Branch Chief, Zoe Aguirre	Working at white Sands Missile Range
1-Mar	Dr. Virgilio Gonzalez	Systems Engineering
8-Mar	Dr. Lourdes Echeyogen	UG Research
15-Mar	Dr. Willian Conwell	Entrepreneurship & Joint MS/MBA
22-Mar	Spring Break NO CLASS	Spring Break NO CLASS
29-Mar	Cesar Chavez Holiday NO CLASS	Cesar Chavez Holiday NO CLASS (Internship & Part-time Fair)
5-April	Dr. Virgilio Gonzalez	Project Management
12-April	Dr. Aaron Waggoner	Graduate School
19-April	Dr. Miguel Velez-Reyes	ECE graduate programs
26-April	Dr. Raymond Rumpf	3D Printing and Electromagnetics
3-May	Dr. David Zubia	Semiconductor 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: Approximately 5-7 assignments. 40% of your grade. Including campus events such as Engineering & Science EXPO (Feb. 8).

Class Attendance: Attendance will be worth 50% of your grade. You will lose 10 of the 50 points for each unexcused absence. **Students will be dropped from the course after 2 unexcused absences.**

Grades: 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.

Disabled 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.