PURDUE
U N I V E R S I T Y

SCHOOL OF ELECTRICAL
AND COMPUTER ENGINEERING
UNDERGRADUATE COUNSELING OFFICE

ECE300
4 sections per semester
Wednesdays 9, 10, 11, 12
50 students/section
WALC 3122 or 2124 (seat 54)

Date (Wednesdays)	Speaker	Due	Other
8.22	Course intro		
8.29	Teamwork/Diversity		Choose teams in class
9.5	SOP/Resume		
9.12	Presentations/Grading	Presentation Topics	
9.19	In-class presentation work	SOP/Resume	
9.26	Interviewing skills		Panel 1:Grad school panel -at nimt
10.3	Mock interviews	Interview questions	Interviews in class
10.10	Groups 1-4		
10.17	Groups 5-8		
10.24	TBA	Activity One write-up	Panel 2: Young industry panel -at nimt
10.31	Groups 9-12		
11.7	Groups 13-16		
11.14	TBA	Activity Two write-up	Panel 3: Challenges and Decisions panel -at nis.tht
11.21	No class -Thanksgiving		
11.28	Course debrief		
12.5	Ragu?		Last class

ECE 300 Assignments

- SOP/Resume - 100
- Activity One - 100
- Activity Two - 100
- Presentation - 100
- Attendance - 100

Learning Objectives:
I. An ability to function on multi-disciplinary teams
2. An ability to communicate effectively
3. A recognition of the need for, and an ability to engage in life-long learning
4. A knowledge of contemporary issues

Major Writing Assignments:

- *Assignment One:* Professional Statement (LOs: 2, 3): You will create a document highlighting your strengths as you enter the workforce (or graduate school) and discussing how you're working to shore up your weaknesses.

- *Assignment Two:* Group Presentation (LOs: 1, 2, 4): With your teams, you will create a 10-12 minute presentation for the class on a current engineering issue. You will briefly explain the issue, the different sides or solutions, and where your team stands on the issue (and why). Your presentation must include a visual aid (power point, handout, model, demonstration). You will turn in an outline of the transcript for your presentation, a copy or picture of/link to your visual aid, hard copies of at least two sources that discuss your chosen topic, a team evaluation, and a self-evaluation.
    - o Groups of 3/4 – 16 groups
    - o 10-12 minute presentation
    - o 4 groups for 4 days

- *Assignments Three and Four:* Event Write-ups (LOs: 2, 3, 4): You will pair up with someone who is different from you in some way. Each of you will take your partner to an event that showcases your culture/gender/religion/SES/etc., in some way. You'll each write a reflection paper on what you learned, questions your asked your partner, and things you noticed but didn't expect (if you were attending an unfamiliar event) OR how you helped prepare your partner for the event, what barriers your partner had to participation at the event, and what things you noticed for the first time about an event that was familiar to you (if you were the host).