Instructor: Vicky Thorland-Oster	Backup Instructor: Tina Prouty
Contact: vlthorl@iastate.edu	Contact: tnprouty@iastate.edu

Course Description:

CPR E/EE 294. Program Discovery. Cr. R. arr. Pre-req: *CPR E/EE 166, credit.* The roles of professionals in computer and electrical engineering. Relationship of coursework to industry and academic careers. Issues relevant to today's world.

Course Objectives:

Students will be able to:
1. Discuss and reflect on the impact of engineering on society with peers and faculty.
2. Explore career opportunities based on areas of study as well as engage in discussions re co-op and internships.
3. Gain a better understanding of engineering competencies including your own strengths and weaknesses.
4. Know what undergraduate research opportunities there are in ECpE and how to obtain them.
5. Begin construction of portfolio for CprE/EE 494 (items from this course as well as 394 will be part of your portfolio).

Grading Policy:

This is a S/F course.

To receive an 'S' grade in the class you must do the following:
1. Required Attendance – Students must attend all scheduled class times
2. Complete *__all__* assignments ON TIME and with an 80%.

Canvas Notifications: Canvas allows students control how and when they will receive course notifications.   It is your ("the student") responsibility to read all notifications posted for the course. Notifications may include changes in meeting times, updated assignment details, etc. Failure to miss a notification will not provide extensions or make-ups for missed class times and assignments.

Academic Misconduct: Academic misconduct in any form is in violation of ISU Student Disciplinary Regulations. This includes, but is not limited to: copying or sharing answers on quizzes or assignments, using someone else's clicker, or having someone else do your work. Depending on the act, a student could receive 0 points on the assignment, an F for the course, and could be suspended or expelled from the University. For more details see the ISU Conduct Code at www.dso.iastate.edu/ja.

Require Accommodations? If you have a disability and require accommodations, please contact the instructor early in the semester so that your learning needs may be met appropriately. You will need to provide documentation of your disability to the Disability Resources (DR) office, located on the main floor of the Student Services Building, Room 1076, 515-294-7220, disabilityresources@iastate.edu.

EE/CPR E 294
Fall 2018 - Course Schedule and Objectives Worksheet

Date	Topic	Assignment Due Date
Jan 14 or 18	**First day of Class, go over syllabus and expectations**	
	Individually Online: • Review course documents on Canvas • Understand objectives, expectations, assignments, and due dates	***Complete Quiz over Syllabus and expectations by Jan. 25***
Feb 4 or 8	**Meeting Discussion:** • Discuss career interests • Gain knowledge re internships & co-ops	***Complete Quiz regarding Faculty Discussion by Feb 8***
	Individually Online: • Take Competencies Survey (an email will be sent with a link to the survey, watch for it)	***Complete Canvas assignments re Competencies by Feb 15***
Feb 18 & 22	**Meeting Discussion**: • Watch online video re engineering competencies and the STAR method	*Reflection assignment due by Feb 28*
Feb 25/Mar 1	**Meeting Discussion**: • Discuss what it means to be an engineer • What knowledge is required within engineering (i.e. cultural adaptability, gen eds, etc.)	*Reflection Assignment due by March 8*
	Attend an Info Session presented by employers	*Complete by March 8*
	Individually Online: • View Portfolio Construction presentation on BB • Create/submit portfolio project(s) description	***Complete Canvas assignment by March 8***
March 4 & 8	**Meeting Discussion:** • Optional Research Opportunities for undergrads	***Complete Reflection Assignment by March 15***

Please come prepared to each class meeting with:
• Thoughtful questions/comments
• Additional topics of conversation for group discussion