

**CprE/EE 394 – Program Exploration
Syllabus, Fall 2019**

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Course Description:

CprE/EE 394 Cr. R. *Prereq: CPR E/EE 166 & CPR E/EE 294*

Exploration of academic and career fields for electrical and computer engineers. Examination of professionalism in the context of engineering and technology with competencies based skills. Introduction to professional portfolio development and construction.

Course Objectives:

Students will be able to:

- 1) Identify and discuss contemporary issues in engineering.
- 2) Have a better understanding of engineering ethics including the IEEE Code of Ethics.
- 3) Create a template for on-going CprE/EE 494 portfolio construction. Portfolio will include items from this course as well as from 294.
- 4) Begin to have a better understanding of what it means to be an engineer including professional identity/responsibility.

Grading Policy:

This is a S/F course.

To receive an 'S' grade in the class you must do the following:

1. Attend all classes
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: This class will follow Iowa State University's policy on academic dishonesty. Copying or sharing answers on quizzes or assignments, submitting work that is not your personal work or that is inaccurate, and completing a name tent that is not your own are examples of academic misconduct. Anyone suspected of academic misconduct will be reported to the Dean of Student's office and could receive an F for the course. For more details see the ISU Conduct Code at: <https://www.studentconduct.dso.iastate.edu/>

Accessibility Statement: Iowa State University is committed to assuring that all educational activities are free from discrimination and harassment based on disability status. Students requesting accommodations for a documented disability are required to work directly with staff in Student Accessibility Services (SAS) to establish eligibility and learn about related processes before accommodations will be identified. After eligibility is established, SAS staff will create and issue a Notification Letter for each course listing approved reasonable accommodations. This document will be made available to the student and instructor either electronically or in hard-copy every semester. Students and instructors are encouraged to review contents of the Notification Letters as early in the semester as possible to identify a specific, timely plan to deliver/receive the indicated accommodations. Reasonable accommodations are not retroactive in nature and are not intended to be an unfair advantage. Additional information or assistance is available online at www.sas.dso.iastate.edu, by contacting SAS staff by email at accessibility@iastate.edu, or by calling 515-294-7220. Student Accessibility Services is a unit in the Dean of Students Office located at 1076 Student Services Building.

Religious Accommodation: Iowa State University welcomes diversity of religious beliefs and practices, recognizing the contributions differing experiences and viewpoints can bring to the community. There may be times when an academic requirement conflicts with religious observances and practices. If that happens, students may request the reasonable accommodation for religious practices. In all cases, you must put your request in writing. The instructor will review the situation in an effort to provide a reasonable accommodation when possible to do so without fundamentally altering a course. For students, you should first discuss the conflict and your requested accommodation with your professor at the earliest possible time. You or your instructor may also seek assistance from the Dean of Students Office at 515-294-1020 or the Office of Equal Opportunity at 515-294-7612.

Discrimination and Harassment: Iowa State University does not discriminate on the basis of race, color, age, ethnicity, religion, national origin, pregnancy, sexual orientation, gender identity, genetic information, sex, marital status, disability, or status as a U.S. Veteran. Inquiries regarding non-discrimination policies may be directed to Office of Equal Opportunity, 3410 Beardshear Hall, 515 Morrill Road, Ames, Iowa 50011, Tel. 515-294-7612, Hotline 515-294-1222, email eooffice@iastate.edu

CPR E/EE 394
Fall 2019 – Schedule and Objectives
M – 1:10 – 198 Library & F – 3:10 -0308 Elings

Date	Topic	Assignment Due Date
Oct 21 or 25	Review Syllabus and Expectations	
	Individually Online: <ul style="list-style-type: none"> Review course documents on Canvas Understand objectives, expectations, assignments, and due dates 	<i>Complete Quiz over Syllabus and expectations by Oct. 31</i>
Oct 28 or Nov 1	Meeting: <ul style="list-style-type: none"> Discuss contemporary issues facing engineers Discuss what it means to be an engineer <ul style="list-style-type: none"> Professional identity Professional Responsibility Inclusivity 	<i>Reflection assignment due by Nov 9</i>
Nov 4 or 8	Meeting: <ul style="list-style-type: none"> Discuss the importance of ethics in an engineering context Discuss/Debate on an ethical situation presented by the moderator 	<i>Reflection assignment due by Nov 16</i>
Nov 11 or 15	Meeting: <ul style="list-style-type: none"> Making Connections 	<i>Reflection Assignment due by Dec 7</i>
	Submit the URL of your portfolio <ul style="list-style-type: none"> Portfolio should include project reflection from 294 New project reflections since 294 Ethics Essay 	<i>Due by Dec 7</i>

Please come prepared to each group meeting with:

- Thoughtful questions/comments
- Additional topics of conversation for group discussion