Syllabus for EECS295-96: Graduate Research

Fall 2017
Instructor: Shawn Newsam

Designation:	Graduate Research
Catalog Description:	Supervised research in computer science.
Text Books and Other Required Materials:	
Course Objectives/ Student Learning Outcomes:	Course Goal: EECS 295 is laboratory, field, theoretical, and/or computational research for graduate students carried out under the supervision of a faculty member, generally the student's major professor. EECS graduate students enroll in EECS 295 while performing preliminary research directed toward choosing a dissertation topic or carrying out the research that will constitute their masters thesis or doctoral dissertation. Course Learning Outcomes: Upon completion of EECS 295, students should have designed, carried out, and analyzed experiments and/or developed theoretical results that constitute a new contribution to scientific/engineering knowledge or a step toward such a contribution. Relationship to Program Learning Outcomes and Program Requirements: Completion of the research required for a masters thesis or doctoral dissertation in EECS normally involves at least several semesters of enrollment in EECS 295.
Program Learning Outcomes:	
Prerequisites by Topic:	
Course Policies:	
Academic Dishonesty Statement:	a. Each student in this course is expected to abide by the University of California, Merced's Academic Honesty Policy. Any work submitted by a student in this course for academic credit will be the student's own work. b. You are encouraged to study together and to discuss information and concepts covered in lecture and the sections with other students. You can give "consulting" help to or receive "consulting" help from such students. However, this permissible cooperation should never involve one student having possession of a copy of all or part of work done by someone else, in the form of an e mail, an e mail attachment file, a diskette, or a hard copy. Should copying occur, both the student who copied work from another student and the student who gave material to be copied will both automatically receive a zero for the assignment. Penalty for violation of this Policy can also be extended to include failure of the course and University disciplinary action. c. During examinations, you must do your own work. Talking or discussion is not permitted during the examinations, nor may you compare papers, copy from

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	others, or collaborate in any way. Any collaborative behavior during the examinations will result in failure of the exam, and may lead to failure of the course and University disciplinary action.
Disability Statement:	Accommodations for Students with Disabilities: The University of California Merced is committed to ensuring equal academic opportunities and inclusion for students with disabilities based on the principles of independent living, accessible universal design and diversity. I am available to discuss appropriate academic accommodations that may be required for student with disabilities. Requests for academic accommodations are to be made during the first three weeks of the semester, except for unusual circumstances. Students are encouraged to register with Disability Services Center to verify their eligibility for appropriate accommodations.
Topics:	
Class/laboratory Schedule:	
Midterm/Final Exam Schedule:	
Course Calendar:	
Professional Component:	
Assessment/Grading Policy:	The grading mode of EECS 295 is satisfactory (S) / unsatisfactory (US) only. The student must spend an average of at least three hours per week per unit on research-related activities. These may include laboratory, computational, or theoretical work, reading and study related to the research project, searching the scientific literature, participation in research group meetings, manuscript and research report writing, and similar activities. Research necessarily involves trying to do something new, and failure to achieve the desired goal does not, by itself, constitute unsatisfactory performance. In order to receive a grade of S, the student must have worked with care and accuracy, used proper scientific methodology in planning experiments and recording and analyzing data, consulted the scientific literature as required, and taken initiative to move the research forward. Satisfactory performance also requires adhering to proper professional standards of laboratory safety, behaving ethically in performing the research and reporting the results, maintaining good records via a physical laboratory notebook and/or electronic files as discussed with the faculty advisor, and working with others in a collegial manner.
Coordinator:	
Contact Information:	Shawn Newsam snewsam@ucmerced.edu
Office Hours:	Weekly meeting and discussion on research literature and topics of research projects.