Instructor
Dr. Xinrong Li
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Class Meetings
N/A; individual meetings only.

Office Hours
Meeting appointments may be requested by email.

Course Description
This course is offered to doctoral students to conduct independent research of a specific problem in a field of electrical engineering. Students are required to submit a proposal, defining the problem, at the beginning of the semester, then submit a report at the end of the semester to summarize research findings. (1–3 hours)

Textbooks
None.

Prerequisites
Consent of instructor.

Course Objectives
• To obtain independent research experience in the field of electrical engineering;
• To develop in-depth knowledge and expertise in a specific topic that is related to student’s areas of research;
• To prepare doctoral students for their dissertation research.

Grading Policies
• Project proposal, 30%, due on Friday of the 2nd week.
The proposal should provide a clear definition of the problem that you will work on, and a brief description of the approaches that you will take to solve the problem.
• Final project report, 70%, due on Friday of the pre-finals week.
The report is required to describe in details what problem you have worked on, what the research findings are, what you have learned, and how the work is related to your dissertation research.