

ECE 4902: Computer and Electrical Engineering Design II Fall 2009

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Office Hours: ITE 427 Mo Th 12-4 or by appt.
- Laboratory Use: The ITE C19 and ITE C43 laboratories are available 24 hours a day, seven days a week. You can schedule your work at times convenient to you. However, a common laboratory time (Fridays 1-5 pm) has been established to facilitate team work.
- Web site: <http://www.engr.uconn.edu/ece/SeniorDesign>
- Description: Design of a device, circuit, system, process, or algorithm. Team solution to an engineering problem as formulated in ECE 4901, from first concepts through evaluation and documentation. Written progress reports, a final report, and oral presentation are required. Three credits.
- Course Objective: The course objective is to provide an opportunity for students to apply their engineering knowledge to solve open-ended design problems using a multidisciplinary team approach.

Teams: Each team must include at least three students. Each team must be multidisciplinary in nature; this is normally accomplished by including students from different programs (including EE, CMPE, EngPhys, ME, and CSE). In some cases, all participants on a particular team may be from the same program. In such a case, team members are chosen such that the members have different concentrations, expertise, or strengths. Each week you will meet with your assigned advisor as a team. At the weekly team meeting, each team member will report on progress during the previous week and plan for the following week.

Text: none.

Notebooks: Each student must maintain a laboratory notebook in which all work is recorded. Each entry in the notebook must be dated. You must bring your notebook to each group meeting.

Web site: Each team will maintain a web site. Each team must post a weekly progress report and a final report.

Grading: The following will be used to determine the final grades:

Weekly individual deliverables	weekly	20%
Weekly Team deliverables	weekly	5%
Completed Project	December 11	45%
Final Report & Web Site	December 11	15%
Oral and PowerPoint presentation ¹	December 11	15%

¹ The 15% grade for the final presentation includes 5% for attendance and feedback on other presentations.