

# Course Schedule - Fall 2006

## Engineering

### 491 *Interdisciplinary Design Proj* Credit: 1 to 4 hours.

The course objective is to provide a disciplined, multi-department project design experience. Teams work on projects with team objectives that have an overall (or major phase) completion date at the end of the semester. Students participate in engineering activities with individual as well as team responsibilities. The projects involve project specification through a proposal, analyses of cost and other tradeoffs among alternative designs, design review, fabrication and assembly, functional and environmental testing, and demonstrations (as applicable). Presentations are made and reports are given at the end of each semester. Lecture-lab format. Prerequisite: Senior standing; consent of section instructor. 1 to 4 undergraduate hours. May be repeated once.

CRN	Type	Section	Time	Days	Location	Instructor
41009	lecture	CU1	ARRANGED		room 245 Everitt Elec and Comp Engr Lab	Frank, M
41009: Instructor Approval Required						
41920	lecture	SAE	03:00 PM - 05:50 PM	M	room 253 Mechanical Engineering Bldg	Miller, N
41920: 3 hours Instructor Approval Required Formula SAE Design Course. You must have instructor approval to register for this course.						
48578	lecture	SD1	ARRANGED			Newell, T; Chapman, P
48578: 3 hours Solar Decathlon. Students will design and build a solar-powered house and compete with other collegiate institutions from around the world in the Solar Decathlon 2007. The solar home will be constructed on campus during 2006 and 2007. Discuss your enrollment in the course with the instructor for prerequisite evaluation.						