ELEC 4997 - SPECIAL PROJECT IN ELECTRICAL ENGINEERING

2008 Catalog Data: ELEC 4997. HONORS THESIS (1 to 6). IND. Pr., ELEC, ECPE or WIRE major; membership in the Honors College; departmental approval. Directed research and writing of honors thesis. Course may be repeated for a maximum of 6 credit hours.

Textbook: None

Coordinator: V. P. Nelson, Professor of Electrical and Computer Engineering

Goals: To provide students in the Honors Program with an opportunity to perform undergraduate research and write a thesis to report the findings of that research.

Prerequisites by topic: Approval of the department head.

Topics: The research topic will vary, depending on the interest of the student and the sponsoring faculty member. The following is a schedule of research activities.

1. Identify research topic (1 week)
2. Plan research approach and prepare a research proposal (2 weeks)
3. Perform research analysis (5 weeks)
4. Prepare report on initial findings (1 week)
5. Perform additional research, based on review of initial findings (3 weeks)
6. Prepare outline and draft of thesis (2 weeks)
7. Prepare final thesis (1 week)

Course requirements and typical methods for evaluating student performance:

Required: Research proposal, report on initial findings, thesis outline, thesis draft, and final thesis.

Grading: Final thesis - 100%

Students who need special accommodations should make an appointment to discuss their needs as soon as possible.

Prepared by: Victor P. Nelson Date: June 10, 1998