ECE 8998.01 (Approved): Graduate Research in Electrical and Computer Engineering

Course Description
Supervised graduate research in various topics. Not for thesis or dissertation.

Transcript Abbreviation: Grad Research ECE
Grading Plan: Letter Grade
Course Delivery: Classroom
Course Level: Graduate
Student Ranks: Masters, Doctoral
Course Offerings: Autumn, Spring, May, Summer
Flex Scheduled Course: Never
Course Frequency: Every Year
Course Length: 14 Week
Credits: 0.5 - 3.0
Repeatable: Yes
Maximum Repeatable Credits: 6.0
Total Completions Allowed: 6
Allow Multiple Enrollments in Term: Yes
Graded Component: Independent Study
Credit by Examination: No
Admission Condition: No
Off Campus: Never
Campus Locations: Columbus
Prerequisites and Co-requisites:
Exclusions:
Cross-Listings:

Course Rationale: Existing course.

The course is required for this unit's degrees, majors, and/or minors: No
The course is a GEC: No
The course is an elective (for this or other units) or is a service course for other units: Yes

Subject/CIP Code: 14.1001
Subsidy Level: Doctoral Course

Course Goals
Engage graduate students in electrical and computer engineering research

Course Topics

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<th>Topic</th>
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<td>Supervised graduate research in various topics</td>
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Representative Assignments
Varies
Grades

ABET-EAC Criterion 3 Outcomes

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<tr>
<th>Course Contribution</th>
<th>College Outcome</th>
<th>Percent</th>
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<td>*</td>
<td>a  An ability to apply knowledge of mathematics, science, and engineering.</td>
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<td>b  An ability to design and conduct experiments, as well as to analyze and interpret data.</td>
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<td>c  An ability to design a system, component, or process to meet desired needs.</td>
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<td>d  An ability to function on multi-disciplinary teams.</td>
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<td>e  An ability to identify, formulate, and solve engineering problems.</td>
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<td>f  An understanding of professional and ethical responsibility.</td>
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<td>g  An ability to communicate effectively.</td>
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<td>h  The broad education necessary to understand the impact of engineering solutions in a global and societal context.</td>
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<td>i  A recognition of the need for, and an ability to engage in life-long learning.</td>
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<td>j  A knowledge of contemporary issues.</td>
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<td>k  An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.</td>
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Additional Notes or Comments
Updated description, abbreviation, goals and topics to match university format 3/20/12

Allow multiple enrollments per term. Make graded component independent study. 5/10/13

Prepared by: Betty Lise Anderson