ECE 2998.01 (Approved): Undergraduate Research

Course Description
Supervised undergraduate research in various topics.

Prior Course Number: 699
Transcript Abbreviation: Undergrad Research
Grading Plan: Letter Grade
Course Deliveries: Classroom
Course Levels: Undergrad
Student Ranks: Freshman, Sophomore
Course Offerings: Autumn, Spring, May, Summer, 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: Prereq: Permission of instructor.
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: Baccalaureate Course

Programs

Abbreviation	Description
CpE	Computer Engineering
EE	Electrical Engineering

General Information

Undergraduate research with letter grade.

Course Goals

To engage undergraduates in electrical and computer engineering research

Course Topics

Topic	Lec	Rec	Lab	Cli	IS	Sem	FE	Wor
Supervised undergraduate research on various topics in Electrical and Computer Engineering								

Representative Assignments

Varies

Grades

Aspect	Percent
Progress Report(s)	100%

ABET-EAC Criterion 3 Outcomes

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

Additional Notes or Comments

Updated description, abbreviation, prereqs, goals and topics to match university format 3/20/12

Allow multiple enrollments per term to agree with university. Make independent study graded component. 5/10/13

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