

ECE 4193: Individual Studies in Electrical and Computer Engineering

Course Description

Individual studies project.

Prior Course Number: 693

Transcript Abbreviation: Ind Studies ECE

Grading Plan: Satisfactory/Unsatisfactory

Course Deliveries: Classroom

Course Levels: Undergrad

Student Ranks: Junior, Senior

Course Offerings: Autumn, Spring, May, Summer

Flex Scheduled Course: Never

Course Frequency: Every Year

Course Length: 14 Week

Credits: 0.0 - 12.0

Repeatable: Yes

Maximum Repeatable Credits: 12.0

Total Completions Allowed: 12

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

Course Topics

Topic	Lec	Rec	Lab	Cli	IS	Sem	FE	Wor
Individual studies project. Prior to the start of the course, a syllabus with topics, objectives/outcomes, deliverables, and a schedule is developed and agreed upon by the student and the instructor								

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 topics to match university format 3/20/12

add Permission of instructor to prereqs. 3/8/13. Also check "allow multiple enrollments per term" to agree with university version.

Make graded component independent study 5/10/13

Prepared by: Betty Lise Anderson