

# ECE 6193 (Approved): 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:** Graduate

**Student Ranks:** Masters, Doctoral

**Course Offerings:** Autumn, Spring, May, Summer

**Flex Scheduled Course:** Never

**Course Frequency:** Every Year

**Course Length:** 14 Week

**Credits:** 0.0 - 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:** Doctoral Course

## 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.

Course Contribution		College Outcome
	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 prerequisites 3/8 13. Also check "allow multiple enrollements per term" to agree with university version.

Make graded component independent study 5/10/13

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