

ABET Form for Independent Study (4974) or Undergraduate Research (4994)

Course : ECE 4974 or 4994 (circle one)

Prepared by (Faculty) : _____

Date : _____

1	Course Learning Objective	Overall Educational Objective										
		(Enter level number defined below)										
1		A	B	C	D	E	F	G	H	I	J	K
What will be measured to demonstrate that this learning objective has been achieved?												
2		A	B	C	D	E	F	G	H	I	J	K
What will be measured to demonstrate that this learning objective has been achieved?												
3		A	B	C	D	E	F	G	H	I	J	K
What will be measured to demonstrate that this learning objective has been achieved?												
4		A	B	C	D	E	F	G	H	I	J	K
What will be measured to demonstrate that this learning objective has been achieved?												
5		A	B	C	D	E	F	G	H	I	J	K
What will be measured to demonstrate that this learning objective has been achieved?												

Overall Educational Objectives

- A. To develop the ability to apply knowledge of mathematics, science, and engineering
- B. To develop the ability to design and conduct experiments, as well as to analyze and interpret data
- C. To develop the ability to design a system, component, or process to meet desired needs
- D. To develop the ability to function on multi-disciplinary teams
- E. To develop the ability to identify, formulate, and solve engineering problems
- F. To provide an education on professional and ethical responsibility
- G. To develop the ability to communicate effectively
- H. To provide an education on the impact of engineering solutions in a global and societal context
- I. To develop the ability to engage in life-long learning
- J. To provide an education on contemporary issues
- K. To develop the ability to use the techniques, skills, and modern engineering tools necessary for engineering practice

Level

- 1. Major emphasis of the course.
- 2. Discussed in the course and covered in homework or quiz.
- 3. Mentioned in the course but not covered in homework or quiz.
- 4. Not mentioned in the course.