

EE Outcome	Associated Criterion 3 Outcome	Targeted EE Objective	EE Outcomes: Graduates of the undergraduate Electrical Engineering program at The University of Iowa will have the following qualities, which will prepare them for successful careers:	Assessment Method
A	(a)	3	Students will have the ability to apply knowledge of mathematics, science, and engineering.	EASY/CAR/CI EW
B	(b)	3, 4	Students will have the ability to design and conduct experiments as well as to analyze and interpret data.	EASY/CAR/CI EW
C	(c)	3, 4	Students will have the ability to design a system, component, or process to meet desired needs.	EASY/CAR/CI EW, review of senior design project
D	(d)	1, 4	Students will have the ability to function on multidisciplinary teams.	EASY/CAR/CI EW; professional seminar survey, COOP-internship survey, Advisory Board
E	(e)	3, 4	Students will have the ability to identify, formulate, and solve engineering problems.	EASY/CAR/CI EW
F	(f)	1, 3, 4	Students will have an understanding of professional and ethical responsibility.	EASY/CAR/ CI EW; professional seminar survey; alumni survey; advisory board
G	(g)	1, 4	Students will have the ability to communicate effectively.	EASY/CAR/CI EW, review of senior design project presentations, advisory board
H	(h)	1, 2, 4	Students will have the broad education necessary to understand the impact of engineering solutions in a global/societal context.	EASY/CAR/CI EW professional seminar survey; alumni survey
I	(i)	2	Students will have a recognition of the need for and an ability to engage in lifelong learning.	EASY/CAR/CI EW Professional seminar survey; Alumni survey; Advisory Board
J	(j)	2, 3, 4	Students will have knowledge of contemporary issues.	EASY/CAR/CI EW; professional seminar survey, alumni survey
K	(k)	1-4	Students will have the ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	EASY/CAR/CI EW Advisory Board; Alumni survey