



NORTHERN ILLINOIS UNIVERSITY

# College of Engineering and Engineering Technology

Major: Electrical Engineering

Degree: B.S.

Date Revised: December 2020

## Student Learning Outcomes and proposed Methods for collecting data (from assessment plan)

Student Learning Outcomes		Methods of Assessment
1	Apply engineering, science, and mathematics principles to identify, formulate, and solve engineering problems	<ul style="list-style-type: none"><li>• Course Assessment Surveys of C.C.C.s (Indirect Method) (1-7)</li><li>• Direct Assessment of C.C.C.s (1-7)</li></ul>
2	Apply engineering design techniques to produce solutions that meet specified needs with consideration of public health, safety, and welfare, while accounting for global, cultural, social, environmental, and economic factors	
3	Effectively communicate with a wide range of audiences	
4	Recognize ethical responsibilities in engineering situations and make informed judgments considering the impact of engineering solutions in our environment and society	
5	Work effectively on a team to establish goals, plan tasks, and meet objectives, while creating a collaborative and inclusive environment	
6	Develop and conduct experiments, analyze and interpret data, reaching conclusions based on engineering judgment	
7	Learn and apply new knowledge	