



NORTHERN ILLINOIS UNIVERSITY

College of Engineering and Engineering Technology

Department of Electrical Engineering

Major: Electrical Engineering

Degree: B.S.

Revised: October 19, 2012

Student Learning Outcomes and proposed Methods for collecting data (from assessment plan/status report)

	Student Learning Outcomes
1	Application of knowledge of mathematics, science, and engineering
2	Design and conduct experiments, as well as analyze and interpret data.
3	Design a system component or process to meet design needs.
4	Function on multidisciplinary teams.
5	Identify, formulate, and solve engineering problems.
6	Understanding of professional and ethical responsibility.
7	Communicate effectively.
8	Broad education necessary to understand the impact of engineering solutions in a global and social context.
9	Recognition of the need for, and an ability to engage in life-long learning.
10	Knowledge of contemporary issues.
11	Use the techniques, skills, and modern engineering tools necessary for engineering practice

Methods of Assessment
<ul style="list-style-type: none">• Course Assessment Survey (1-11)• Course assignments/exams (1-11)• External review of capstone design project (1-11)• Evaluation of student's performance during the• Internship (1-11).

