



NORTHERN ILLINOIS UNIVERSITY

College of Engineering and Engineering Technology

Department of Mechanical Engineering

Major: Mechanical Engineering

Degree: B.S.

Date Revised: January 22, 2013

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 systems and components, or process
4	Function on multidisciplinary teams.
5	Identify, formulate, and solve engineering problems
6	Understanding of professional and ethical responsibility.
7	Communicate effectively and professionally
8	Broad education 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)• Capstone Design Project (1-11)• Employer survey (1-11)• Student survey (1-11)• Evaluation of student's performance during the• Internship (1-11).

