



NORTHERN ILLINOIS UNIVERSITY

College of Engineering and Engineering Technology

Department of Technology

Major: Technology

Degree: B.S.

Date Revised: June 17, 2016

Program Student Learning Outcomes and Assessment Methods

Student Learning Outcomes 1-11	Assessment Methods (Outcomes)
<ol style="list-style-type: none">1. An ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined engineering technology activities2. An ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies3. An ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve engineering technology processes4. An ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to program educational objectives5. An ability to function effectively as a member or leader on a technical team6. An ability to identify, analyze, and solve broadly-defined engineering technology problems7. An ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature8. An understanding of the need for and an ability to engage in self-directed continuing professional development	<ul style="list-style-type: none">• Industry input• Internship assessment• Internship survey• Senior project• University Writing Project• Exit interviews• Employer survey• Placement information• Alumni survey





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Student Learning Outcomes 1-11	Assessment Methods (Outcomes)
9. An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity 10. A knowledge of the impact of engineering technology solutions in a societal and global context 11. A commitment to quality, timeliness, and continuous improvement.	

