



NORTHERN ILLINOIS UNIVERSITY

College of Engineering and Engineering Technology

Major: Industrial and Systems Engineering

Degree: M.S.

Date Revised: January 6, 2021

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

Student Learning Outcomes		Methods of Assessment
1	An ability to define and formulate Industrial and Systems Engineering problems.	<ul style="list-style-type: none">• Course-Embedded Assessments (1, 3-5)• Thesis/Project (1-5)• Exit Survey (1-5)• Employer Survey (1-5)
2	An ability to apply math and scientific tools to define, design, predict, improve, and optimize the systems performance.	
3	An ability to independently learn advanced topics in Industrial and Systems Engineering.	
4	An ability to conduct research or project professionally and ethically.	
5	An ability to effectively communicate ideas/concepts and research findings through technical reports and professional presentations.	