



NORTHERN ILLINOIS UNIVERSITY

College of Engineering and Engineering Technology

Major: Mechanical Engineering

Degree: Ph.D.

Date Revised: 2017

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

	Student Learning Outcomes
1	Advanced Knowledge: Master advanced concepts, methods, and technologies in mechanical engineering thrust areas.
2	Analysis: Ability to apply in depth qualitative analysis to relevant mechanical engineering questions, issues, and problems.
3	Research: Conduct independent research that results in an original contribution to knowledge that meets all the standards for responsible conduct of research.
4	Ethics: Demonstrate knowledge and understanding of ethical standards in executing research.
5	Communication: Communicate research to both technical and general audiences in an effective manner through oral and written formats.

Methods of Assessment
<ul style="list-style-type: none">• Ph.D. Candidacy Examination (1, 2)• Dissertation Proposal Examination (1-5)• Dissertation Report and Defense (1-5)• Research Committee Meetings (1-5)• Doctoral Dissertation Research (MEEE 799) (1-5)