



NORTHERN ILLINOIS UNIVERSITY

College of Engineering and Engineering Technology

Major: Electrical Engineering

Degree: Ph.D.

Date Revised: 2017

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

Student Learning Outcomes		Methods of Assessment
1	Fundamental understanding of the principles, major research findings and current unresolved problems in their area of emphasis.	<ul style="list-style-type: none">• Ph.D. Candidacy Examination (1-5)• Dissertation Proposal Examination (1-6)• Written Research Dissertation and Defense (1-6)• Committee Meetings (1-6)• Doctoral Dissertation Research (ELE 799) (1-4, 6)
2	Effective scientific communication skills.	
3	Proficiency in critical thinking.	
4	Appropriate use of the scientific method.	
5	Technical writing proficiency.	
6	Original scholarship and the ability to conduct independent research.	