

Navajo Technical University

Name: _____

ID#: _____

Master of Science - Electrical Engineering

The Master of Science in Electrical Engineering (MSEE) program framed according to Indigenous worldview and application aims to provide students with a comprehensive understanding of the principles and practices of electrical engineering while incorporating Indigenous perspectives and ways of knowing. The program recognizes the importance of Indigenous knowledge and seeks to integrate this knowledge into the curriculum to foster a deeper appreciation for the relationship between technology and the environment, community, and culture.

The program will cover the fundamentals of electrical engineering, including Sustainable & Renewable Energy, power systems, nuclear engineering, and control systems, but will also emphasize the application of this knowledge to Indigenous communities. Students will have the opportunity to work on projects that focus on energy production and distribution, renewable energy, and sustainable development.

Semester One		Credits	Prerequisites	Semester	Grade
ENGR 501	Principles of Indigenous Engineering	3			
ENGR 502	Community-Based Research Methodologies	3			
ENGR 503	Engineering Seminar	1			
EE XXX	EE Elective I	3			
Semester Two					
EE 504	Integrated Research Fellowship OR	3			
EE 505	Community-Based Research Fellowship				
ENGR 503	Engineering Seminar	1			
EE XXX	EE Elective II	3			
Semester Three					
EE XXX	Elective III	3			
EE XXX	Elective IV	3			
ENGR 503	Engineering Seminar	1			
EE 699	Master's Thesis	3			
Semester Four					
EE XXX	EE Elective V	3			
EE 699	Master's Thesis	3			
TOTAL CREDIT HOURS		33			

	Signatures	Date
Student:		
Graduate Advisor:		
Registrar:		
Graduation Date:		