

# Navajo Technical University

Name: \_\_\_\_\_ ID#: \_\_\_\_\_

## Certificate – Pre-Engineering Requirements 33 Credits

The program is designed to prepare students for entry into one of Navajo Technical University’s (NTU) engineering or technology programs. All of the credits earned as part of the certificate program apply fully to first year requirements in Electrical Engineering, Industrial Engineering, and Digital Manufacturing.

- General Education Requirements - 14 Credits *(The minimum is 10 for a certificate.)*
- Core Pre-Engineering Courses - 19 Credits

Semester ONE		Credits	Prerequisite	Semester/Transfer	Grade
ENG 110	Applied Technical Writing	3	ENG098		
MTH 118	Pre-Algebra	5	MTH113		
ENGR103	Introduction to Engineering	3	MTH121		
ENGR123	Computer Skills for Engineering	3			
ENGR130	Engineering Graphics & Solid Modeling	3			
Semester TWO					
NAV211	Navajo History	3			
MTH121	College Algebra	4	MTH120		
IT105	Introduction to Programming	3			
ENGR169	Basic Probability and Statistics	3	MTH120		
ENGR143	Characteristics of Engineering Materials	3			
<b>TOTAL REQUIRED CREDIT HOURS</b>		<b>33</b>			

*\*\* Please check course descriptions for the appropriate prerequisite course(s).*

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		