Navajo Technical University

Name: _____   ID#:_____

Certificate – Pre-Engineering Requirements 32 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 - 11 Credits *(The minimum is 10 for a certificate.)*
- Core Pre-Engineering Courses - 21 Credits

Semester ONE		Credits	Prerequisites	Semester/Transfer	Grade
ENGL 1110	Composition I	3	ENGL098 or satisfactory placement scores		
MATH 1220	College Algebra or higher	4	SEE CATALOG		
SSC 100	College Success	1			
EE 101	Fundamental of Electrical Engineering	3	CS 101, MATH1215		
ENGR123	Computer Skills for Engineering	3			
ENGR130	Engineering Graphics	3			
Semester TWO					
NAVAXXX	Diné Studies Course	3-4			
CS 101	Programming I	3			
ENGR 103	Introduction to Engineering	3	ENGR 130		
ENGR 169	Basic Probability and Statistics	3	MATH1215		
ENGR 143	Characteristics of Engineering Materials	3			
TOTAL REQUIRED CREDIT HOURS		**32**			

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

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 5/7/2021