

Navajo Technical University

Name: _____

ID#: _____

Certificate – Engineering Technician Requirements 32 Credits

The program is designed to prepare students for entry into an engineering or technology program. All of the credits earned as part of the certificate program apply fully to first year requirements in Electrical Engineering, Industrial Engineering, and Advanced Manufacturing Technology. Students completing this certificate can work as an Engineering Technician or Draftsperson.

- 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	ENGL100or satisfactory placement scores		
MATH 1220	College Algebra or higher	4	MATH 1215 or satisfactory placement scores		
EE 101	Electrical Engineering Fundamentals	3			
ENGR 123	Introduction to Computing Technologies	3			
ENGR 130	Engineering Graphics	3			
SSC 100	College Success Skills	1			
Semester TWO					
NAVXXX	Dine' Studies Course	3			
CS 101	Programming I	3			
ENGR 103	Introduction to Engineering	3			
ENGR 169 or EE 102	Basic Statistics and Probability OR DC Circuits & Systems	3	MATH1215		
ENGR 143 OR EE 103	Characteristics of Engineering Materials OR Digital Circuits & Systems	3			
TOTAL REQUIRED CREDIT HOURS		32			

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

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 7/17/2026

