

Navajo Technical University

Name: _____ ID#: _____

Associate of Applied Science – Engineering Technology (62-63 Credits)

The Program is designed to prepare students for entry into the engineering or technology program or entry into the technical workforce. The credits earned as part of this Associates program apply to requirements in Electrical Engineering, Industrial Engineering, and Advanced Manufacturing Technology.

Semester ONE		Credits	Prerequisites	Transfer/Semester	Grade
ENGL 1110	Composition I	3	ENGL100		
EE 101	Electrical Engineering Fundamentals	3			
ENGR 123	Introduction to Computing Technologies	3			
ENGR 130	Engineering Graphics	3			
MATH 1220	College Algebra	4	MATH1215		
SSC 100	College Success Skills	1			
Semester TWO					
CS 101	Programming I	3			
NAVA XXX	Diné Studies Course	3-4			
ENGR 103	Introduction to Engineering	3			
ENGR 143	Characteristics of Engineering Materials	3			
ENGR 230	Advance Engineering Graphics	3	ENGR 130		
Semester THREE					
IE 223	Design of Manufacturing Processes I	3	ENGR 143		
MATH 1230	Trigonometry	4	MATH1220		
CHEM 1120C	Introduction to Chemistry	4			
ENGR 169	Basic Statistics & Probability	3	MATH 1215		
PHYS 1230C	Algebra-Based Physics	4	MATH1215		
Semester FOUR					
IE 343	Design and Manufacturing Processes II	3			
IE 380	Project Management	3	MATH1215		
TECHNICAL ELECTIVE 1.		3			
ME 345	Statics	3	MATH1230		
TOTAL REQUIRED CREDIT HOURS		62-63			

Listing of Technical Electives:

IE 483 Rapid Prototyping
 EE 102 DC Circuits & Systems
 ME 354 Thermodynamics
 IE 484 Computer Aided Manufacturing & Robotics
 IE 388 Safety Engineering

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		