Navajo Technical University

Name: _____   ID#:_____

Associate of Science – Mathematics (60-61 Credits)

Mathematics is a program that focuses on the analysis of quantities, magnitudes, forms, and their relationships, using symbolic logic and language. It includes instruction in algebra, calculus, functional analysis, geometry, number theory, logic, topology and other mathematical specializations. Mathematics is a versatile program that can be applied to almost any career. A student with a degree in mathematics will have an endless opportunity. A student who studies mathematics will have the ability to think analytically, solve problems, and communicate precisely. Graduates of this program should be able to seek gainful employment as a teacher, mathematician, statistician, financial analyst, consultant, engineer, physician, lawyer, and research analyst

Semester ONE		Credits	Prerequisite	Semester/Transfer	Grade
MATH 1220	College Algebra	4	MATH1215		
MTH 1240	Pre-Calculus	4	MATH1220		
ENGL 1110	Composition I	3	ENGL100		
BCIS 1115	Introduction to Computers	3			
SSC 100	College Success	1			
Summer Session					
MATH1230	Trigonometry	4	MATH1220		
Semester TWO					
MATH 1510	Calculus I	4	MTH150		
MATH 1350	Introduction to Statistics	3	MATH1220		
PHYS 1230C	Algebra Based Physics I	4	MATH1215		
NAVA XXX	NAVA1110, NAVA 2210 or NAVA 223O	3-4			
Semester THREE					
MATH 1520	Calculus II	4	MATH1510		
MTH 306	College Geometry	3	MATH1510		
SOCI 1110	Introduction to Sociology	3			
PSYC 1110	Introduction to Psychology	3			
Semester FOUR					
MATH 2410	Differential Equation	4	MATH1520		
COMM 1130	Public Speaking	3	ENGL1110 or ENGL1210		
MATH 2530	Calculus III	4	MATH1520		
MTH 410	Linear Algebra	3	MATH1520		
TOTAL REQUIRED CREDIT HOURS		**60-61**			

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 4/25/2022