

Navajo Technical University

Name: _____

ID#: _____

Associate of Science – Mathematics (63-64 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	MATH 1215		
ENGL 1110	Composition I	3	ENGL100		
BCIS 1115	Introduction to Computers	3			
SSC 100	College Success Skills	1			
Summer Session					
MATH1230	Trigonometry	4	MATH 1220		
MATH 1240	Pre-Calculus	4	MATH 1220		
Semester TWO					
MATH 1510	Calculus I	4	MATH 1230 & MATH 1240		
MATH 1350	Introduction to Statistics	3	MATH1220		
PHYS 1230C	Algebra Based Physics I	4	MATH1215		
NAVA XXX	NAVA1110, NAVA 2210 or NAVA 2230	3-4			
Semester THREE					
MATH 1520	Calculus II	4	MATH 1510		
MTH 306	College Geometry	3	MATH 1510		
SOCI 1110	Introduction to Sociology	3	ENGL100		
PSYC 1110	Introduction to Psychology	3			
CFA XXX	Creative Writing XXX	3			
Semester FOUR					
MATH 2410	Differential Equation	4	MATH 1520		
COMM 1130	Public Speaking	3	ENGL 1110 or ENGL1210		
MATH 2530	Calculus III	4	MATH 1520		
MTH 410	Linear Algebra	3	MATH 1520		
TOTAL REQUIRED CREDIT HOURS		63-64			

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 7/23/2026