

Navajo Technical University

Name: _____

ID#: _____

Associate of Science – Mathematics (62 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
MATH1220	College Algebra	4	MATH1215		
MTH150	Pre-Calculus	4	MATH1220		
ENGL1110	Composition I	3	ENGL098		
ENGR103	Introduction to Engineering	3	ENGR130		
CMP101	Introduction to Computers	3			
Summer Session					
MATH1230	Trigonometry	4	MATH1220		
Semester TWO					
MATH1510	Calculus I	4	MTH150		
MATH1350	Introduction to Statistics	3	MATH1220		
PHYS1230C	Algebra Based Physics I Lecture & Lab	4	MATH1215		
NAVXXX	Navajo Studies	3			
Semester THREE					
MATH1520	Calculus II	4	MATH1510		
MTH306	College Geometry	3	MATH1510		
SOC101	Introductions to Sociology	3	ENGL098		
PSYC1110	Introduction to Psychology	3			
Semester FOUR					
MATH2410	Differential Equation	4	MATH1520		
COMM1130	Public Speaking	3	ENGL1110 or ENGL1210		
MATH2530	Calculus III	4	MATH1520		
MTH410	Linear Algebra	3	MATH1520		
TOTAL REQUIRED CREDIT HOURS		62			

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 9/16/2019