

Navajo Technical University

Name: _____

ID#: _____

Certificate – Mathematics Requirements 35 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.

GENERAL EDUCATION REQUIREMENTS		Credits	Prerequisite	Semester/Transfer	Grade
ENG 110	Freshman Composition	3	ENG098		
MTH 121	College Algebra	4	MTH120		
NAVXXX	Dine Studies Course	3			
CMP101	Introduction to Computers	3			
MATHEMATICS CORE COURSES					
Semester ONE		Credits			
ENGR103	Introduction to Engineering	3	MTH121		
MTH150	Pre-Calculus	4	MTH123 or 121		
MTH 123	Trigonometry	4	MTH121		
Semester TWO					
MTH 162	Calculus I	4	MTH123		
MTH 213	Elementary Statistics	3	MTH120		
PHY 111	Algebra Based Physics I	4	MTH120		
TOTAL REQUIRED CREDIT HOURS		35			

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

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		