

Navajo Technical University

Name: _____

ID#: _____

Certificate – Geographic Information Technology Requirements 34 Credits

The Geographic Information Technology (GIT) program will serve to introduce students to the fundamental principles of geographic information systems, remote sensing, database applications, cartography, and enable students to understand the current state of knowledge residing in a geographic information system. The GIT program seeks to ready students for positions with governmental agencies, engineering companies, and topographical drafting organizations. Through the knowledge they receive from this program, they will also be capable of finding employment in a GIT department.

GENERAL EDUCATION REQUIREMENTS		Credits	Prerequisite	Semester/Transfer	Grade
ENGL1110	Composition I	3	ENGL100 or satisfactory placement scores		
MTH 113	Technical Mathematics or higher	3			
NAVA 1110	Navajo I	4			
IT 103	Creativity and Technology	3			
GEOGRAPHIC INFORMATION CORE COURSES					
Semester ONE		Credits			
DFT 120	Computer Aided Drafting I	3			
GIT 105	Fundamentals of Cartography	3			
GIT 110	Geographic Information Systems I	3	MATH 1220		
Semester TWO					
SSC 100	College Success Skills	1			
ENGR103	Introduction to Engineering	3			
ENVS 1110C	Environmental Science I	4			
GIT 111	Geographic Information Systems II	3	GIT 110		
GIT 210	Service Learning Project	1	GIT 111		
TOTAL REQUIRED CREDIT HOURS		34			

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

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 7/17/2026