

Navajo Technical University

Name: _____

ID#: _____

Associate of Science – Computer Science (60-61 Credits)

This program is designed to prepare students for entry-level jobs on the Navajo Nation. Students should be able to write sequential programs, design solutions to computer -related problems and develop a technical presentation. Students will be encouraged to continue towards bachelor's degrees in computer science.

Semester ONE		Credits	Prerequisite	Semester/Transfer	Grade
BCIS 1115	Introduction to Computers	3			
CS 102	Programming I	3			
CS 102L	Programming I Lab	1	Coreq CS 102 (for CS students)		
CS 120	Computational Thinking	3	MATH 1215		
ENGR103	Introduction to Engineering	3			
MATH 1220	College Algebra	4	MATH 1215		
Semester TWO					
NAVAXXX	Dine Studies	3-4			
ENGL 1110	Composition I	3	ENGL100		
CS 125	Scripting	3	MTH 113		
CS 150	Programming II	3	CS 102		
MATH 1240	Pre-Calculus	4	MATH 1220		
Semester THREE					
CS 201	Data Structures I	3	CS 150		
CS 275	Computer Organization	4	CS 150		
ENGL 1120	Composition II	3	ENGL 1110		
CS 225	Comparative Programming Languages	3	CS 150		
Semester FOUR					
MATH 1510	Calculus I	4	MATH 1230 & 1240		
CS 251	Data Structures	3	CS 201		
PHYS 1115C or BIOL 1110C or CHEM 1120C	Algebra Based Physics I or General Biology or Introduction to Chemistry	4			
HUM XXX	Humanities Elective	3			
TOTAL REQUIRED CREDIT HOURS		60-61			

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 7/14/2024