

Navajo Technical University

Name: _____

ID#: _____

Associate of Applied Science –Information Technology Technician (61-62 Credits)

This program is structured to prepare students for immediate and continuing employment opportunities in the broad disciplines of information technology and computer support. This includes positions such as helpdesk technician assistant, information system support, and data analyst assistant. The information technology program will involve and incorporate the Navajo Technical University Information Technology (IT) department real world projects and disciplines. This collaboration will offer students hands-on practical technology opportunity and allows the Navajo Technical University IT department support. Students who earn the Information

INFORMATION TECHNOLOGY TECH REQUIREMENTS					
Semester ONE		Credits	Prerequisite	Semester/Transfer	Grade
ENGL1110 or ENGL 1210	Composition I or Technical Commination's	3	ENGL 100 or satisfactory placement scores		
MATH 1240	Pre-Calculus	4	Grade of C or better in MATH 1220 or satisfactory placement scores		
IT 105	Introduction to Programming	3			
IT 120	Operating Systems	3			
IT 160	Introduction to Digital Ethics	3			
SSC 100	College Success Skills	1			
Semester TWO					
MATH 1230	Trigonometry	4	MATH1220		
BCIS 1115 or IT XXX	Introduction to Computers/Lower Division IT Elective	3			
IT 150	Introduction to System Administration	3			
IT 218	Algorithms & Data Structures	3	Grade of C or better in IT 105		
IT XXX	Lower Division IT Elective	3			
Semester THREE					
IT 220	Database Design	3	Co-requisite MTH 205 Prerequisite-Grade of C or better in IT 218		
IT 222	Computer Security	3	Grade of C or better in IT 150, IT 120		
IT 262	Internetworking	3	Grade of C or better in IT 150		
MTH 205	Discrete Mathematics	3	MATH 1220		
PHYS 1230C or PHYS 1310C or BIOL 2110C or CHEM 1217C	Algebra Based Physics I or Calculus Based Physics I or Principles of Biology: Cellular & Molecular Biology or Principles of Chemistry I	4			
Semester FOUR					
Dine Studies	NAVA 1110, NAVA 2210, or NAVA 2230	3-4			
XXXX-XXXX	Social & Behavioral Science/Humanities	3			
IT 290 or IT 280	Big Data Project Management or IT Project Management	3	Co-requisite IT 218 Prerequisite- Grade of C or better in IT 150, IT 120, ENGL 1210/1110		
IT XXX	Lower Division IT Elective	3			
TOTAL REQUIRED CREDIT HOURS		61-62			

Lower Division Electives		Co/Prerequisites	Credit Hours
IT-110	Introduction to Digital Logic/Hardware Programming		3
IT-111	Human Computer Interaction		3
IT-112	Photography		3
IT-115	Drawing and Visual Culture		3
IT-118	Introduction to C++		3
IT-120	Operating Systems		3
IT-121	Database Systems and Data Preparation		3
IT-125	Introduction to Digital Video		3
IT-200	Sound Design		3
IT-212	Documentary		3
IT-215	Motion Graphics		3
IT-275	Media Criticism		3
IT-195/295	Topics in Information Technology		1-3

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 4/27/2024