

Navajo Technical University

Name: _____ ID#: _____

Bachelor of Applied Science Degree – Information Technology (117-118 Credits)

Semester FIRST		Credits	Prerequisite	Semester/ Transfer	Grade
ENGL 1110	Freshman Composition	3	ENGL 098 or satisfactory placement scores		
MATH 1220	College Algebra	4	MATH 1215 or satisfactory placement scores		
IT 115	Drawing/ Visual Culture	3			
IT 105	Introduction to Programming	3			
IT 110	Introduction to Digital Logic/Hardware Programming	3			
Semester TWO					
ENGL 2120	Intermediate Composition	3	ENGL 1210 or 1110		
MATH 1230	Trigonometry	4	MATH 1220		
IT 125	Introduction to Digital Video	3			
IT 142	Web Design Concepts	3			
IT 150	Introduction to System Administration	3			
Semester THREE					
HUMN 1180	History of American Indians in Media	3			
MATH 1510	Calculus I	4	MTH 150		
IT 220	Database Design	3			
IT 218	Algorithms & Data Structures	3	IT 105		
IT 222	Computer Security	3			
Semester FOUR					
Diné Studies	NAVA 1110, NAVA 2210 or NAVA 2230	3-4			
SSCXXX	Social Science Course	3			
IT 280	IT Project Management	3			
IT 262	Internetworking	3	IT106		
IT 270	Web Standards	3	IT142		
Semester FIVE					
ENGL2310 or NAVA 1310	Introduction to Creative Writing or Rug Weaving I	3			
PHYS 1230C	Algebra Based Physics	4	MATH 1215		
IT 315	Multicore Programming	4	IT 218		
IT 332	Network Security	4	IT 222		
Semester SIX					
SCIENCE	Science Course	4			
IT 375	JavaScript Core Skills	4	IT270		
IT 405	Cluster Maintenance/Management	4	IT 260		
Semester SEVEN					
BCIS 1115	Introduction to Computers/ Elective	3			
IT 435A	HPC/Parallel Computing	3	IT 215		
IT 440A	Advanced Technology Security	3	IT 332		
IT 472A	Web App Development	3	IT 375		
IT 485A	Advanced Technology Administration	3	IT 405		
Semester EIGHT					
IT 435B	HPC/Parallel Computing	3	IT 315		
IT 440B	Advanced Technology Security	3	IT 332		
IT 472B	Web App Development	3	IT 375		
IT 485B	Advanced Technology Administration	3	IT 405		
TOTAL CREDIT HOURS REQUIRED		117-118			

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		