

Navajo Technical University

Name: _____

ID#: _____

Bachelor of Applied Science Degree – Information Technology-New Media (121-122 Credits)

The New Media in the Bachelor of Applied Science in Information Technology prepares students to be effective in video/audio production and post-production environments that also includes a unique blend of information technology skill sets. Students will be introduced to the latest in film-making, web, and other media presentation technologies and methodologies as well as the technologies of information technology necessary to understand, build, and maintain the infrastructure that supports the development and dissemination of new media. Graduates of the program with an emphasis in new media will be able to create and deliver content and understand and support the infrastructure necessary to produce new media that includes the visualization of large data sets for varied industries.

Semester FIRST		Credits	Prerequisites	Semester / Transfer	Grade
ENGL 1110	Composition I	3	ENGL 100 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			
SSC 100	College Success Skills	1			
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	MATH 1230&MATH1240		
IT 220	Database Design	3			
IT 215	Motion Graphics	3			
IT 275	Media Criticism	3			
Semester FOUR					
NAVAXXX	Dine Studies	3-4			
IT 200	Sound Design	3			
IT 280	IT Project Management	3			
IT 225	Digital Video II	3			
IT 350	Programming Interactivity	3			
Semester FIVE					
PHYS 1230C	Algebra Based Physics I	4	MATH 1215		
IT 415	Audio Projects	3			
IT 335	Data Visualization	3			
HUM 305	Film History	3			
Semester SIX					
Humanities/Social Science Course		3			
SCIENCE	Physical Science Course	4			
IT 345	Editing Concepts	3	IT 225		
IT 445	3D Modeling/Animation	4	IT 215		
IT 450	Interactive Project	3	IT 350		
Semester SEVEN					
SSCXXX	Social and Behavioral Sciences	3			
ENGL2310 or NAVA 1310	Introduction to Creative Writing or Rug Weaving I	3			
IT 480	Aural/Optical Perception	3			
IT 490A	Senior Project	3			
Semester EIGHT					
Humanities/Social Sciences Course		3	SEE CATALOG		
BCIS 1115	Introduction to Computers/Elective	3			

IT 490B	Senior Project	3			
ITS 415	Audio Projects	3			
IT XXX	New Media Elective	3			
TOTAL CREDIT HOURS REQUIRED		121-122			

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

***Some General Education and IT courses have prerequisites. Please check the course description for the appropriate prerequisite course(s).*

Listing of New Media Electives:

IT 112 Photography
IT 212 Documentary
IT 312 Studio Recording

UPDATED 07/26/2026