

Navajo Technical University

Name: _____ ID#: _____

Associate of Applied Science – Building Information Modeling (67 Credits)

The Building Information Modeling (BIM) and Computer-Aided Drafting (CAD) programs prepare students to pursue a drafting career. Students in the CAD program work with 2-D CAD, Microsoft Office Suite, and commercial and residential blueprint reading. Student completing the BIM degree program will have a broad range of 2-D and 3-D CAD, drafting skills and a solid, well-rounded educational foundation. Skills obtained at NTU give students the opportunity to apply in various internships with NASA, NASA affiliates and gain employment in various industries such as architectural or engineering firms. Students completing the BIM program will be given the opportunity to take the Autodesk Certified User exam to show competency in AutoCAD, Inventor (mechanical 3- D software) and Revit (architectural 3-D software). Students completing the CAD program only have the opportunity to take the Autodesk Certified User exam show competency in AutoCAD.

GENERAL EDUCATION REQUIREMENTS		Credits	Prerequisites	Semester/Transfer	Grade
English/Communication:		9			
	ENGL1110		ENGL098		
	COMM1130 or COMM2120	3	ENGL1210 or 1110		
	ENGL1120		ENGL 1210 or 1110		
Mathematics:		4			
	MATH1220 or higher		MATH 1215		
Dine Studies:	NAVA1110	4			
Natural or Physical Science:		4			
Humanities/ Social Science:		12			
	NAV 110				
	PSYC1110				
	ENGL150		ENGL1110		
	HIST1110 or HST211		ENGL098		
Information Tech/Applied Computers:		3			
	CMP 101 or higher				
BIM CORE COURSES					
Semester ONE		Credits			
DFT 120	Computer-Aided Drafting I	3			
GIT 110	Geographic Information System I	3	MATH1220		
Semester TWO					
PHYS1115C	Survey of Physics with Lab	4			
DFT 220	Computer-Aided Drafting II	3	DFT120		
AMT 311	Laser Scanning Methods & Techniques	3			
Semester THREE					
DFT 112	Architectural Drafting	3			
DFT 240	Building Codes	3			
MATH1350	Introduction to Statistics	3	MATH1220		
Semester FOUR					
DFT 212	Advanced Architectural Drafting	3			
DFT 250	Construction Management/Estimation	3			
TOTAL REQUIRED CREDIT HOURS		67			

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 8/22/2019