



Articulation
between
Diné College, Tsaile, Arizona
and
Navajo Technical University, Crownpoint, New Mexico

Purpose: The 2+ 2 articulation between Diné College (DC) and Navajo Technical University (NTU) determines equivalency of courses to be transferred. The articulation will help students transfer their courses seamlessly between the two institutions.

Effective Date: October 1, 2019

Bachelor of Applied Science (B.A.S.) Degree in Advanced Manufacturing Technology

NTU #	NTU Course Title	Credit Hours	DC Course #	DC Course Title	Credit Hours	Comments
ENGL1110	Composition I	3	ENG 101	Freshman I	3	
CS 101	Programming I	3	CSC 150	Programming Fundamentals	3	
MATH 1510	Calculus I	4	MTH 191	Calculus I	4	
ENGR 130	Engineering Graphics	3	N/A			
ENGR 123	Computer Skills for Engineering	3	N/A			
EE 101	Fundamentals of Electrical Engineering	3	N/A			
ENGR 103	Introduction to Engineering	3	EGR 111	Introduction to Engineering	3	
ENGR 230	Advanced Engineering Graphics	3	N/A			
MATH 1220	College Algebra	4	MTH 110	College Algebra	4	
MATH 1230	Trigonometry	4	MTH 111	College Trigonometry	3	1 credit difference

ENGR 143	Characteristics of Engineering Materials	3	N/A			
AMT 210	Applied GD & T	3	N/A			
AMT 280	Computer Numerical Control Machine Tools	3	N/A			
IE 213	Structure and Properties of Materials	3	N/A			
IE 243	Strength of Materials	3	N/A			
CHEM 1217	General Chemistry I with Lab	4	CHM 151	General Chemistry I	4	
ENGL 1120	Composition II	3	ENG 102	Freshman Composition II		
IE 223	Design & Manufacturing Processes I	3	N/A			
ENGR 236	Inferential Engineering Statistics	3	N/A			
NAV 221	Navajo Government	3	NIS 226	Navajo Nation Government		
PHYS 1230	Algebra-Based Physics I Lecture & Lab	4	PHY 110	Algebra-Based Physics I	4	
COMM 1130	Public Speaking	3	COM 121	Speech Communication	3	
HUMN 1180	History of American Indians in Media	3	HUM 152	Film Appreciation	3	
HST 211	American History 1877 to Present	3	HST 136	American History 1865 to Present	3	

B.S. Degree in Animal Science

NTU #	NTU Course Title	Credit Hours	DC Course #	DC Course Title	Credit Hours	Comments
ENGL1110	Composition I	3	ENG 101	Freshman I	3	
ENGL1120	Composition II	3	ENG 102	Freshman Composition II	3	
CMP 101	Introduction to Computers	3	CSC 150	Programming Fundamentals	3	
MATH 1220	College Algebra	4	MTH 121	College Algebra	3	1 credit difference
NAV 225	Diné Philosophy of Education	3	N/A			

ECON 1110	Survey of Economics	3	N/A			
CHEM 1217	General Chemistry I with Laboratory	4	CHEM 121/CHEM123L	General Chemistry I	4	
CHM	General Chemistry II		N/A			
COMM 1130	Public Speaking	3	COM 121	Speech Communication	3	
HIST 1110	United States History I	3	HST 136	American History 1865 to Present	3	
ASC 100	Introduction to Animal Science	3	N/A			
ASC-220	Comparative Anatomy of Animals	3	N/A			
ASC 210	Animal Science Career Development	1	N/A			
ASC 200	Animal Science Practicum	2	N/A			
BIOL 120	Principles of Biology I	4	N/A			
BIOL 122	Principles of Biology II	4	N/A			
BIO 226	Principles of Genetics	4	N/A			
BIOL 2310	Microbiology	4	N/A			
ACG 212	Introduction to Finance	3	N/A			
ACG 210	Principles of Management	3	N/A			
MATH 1350	Introduction to Statistics	3	N/A			
PHYS 1230	Algebra-Based Physics I Lecture & Lab	4	PHY 110	Algebra-Based Physics I	4	

Bachelor of Science (B.S.) Degree in Electrical Engineering

NTU #	NTU Course Title	Credit Hours	DC Course #	DC Course Title	Credit Hours	Comments
ENGL1110	Composition I	3	ENG 110	Freshman English I	3	
CS 101	Programming I	3	CSC 150	Programming Fundamentals	3	
MATH 1510	Calculus I	4	MTH 191	Calculus I	4	
ENGR 130	Engineering Graphics	3	N/A			

ENGR 123	Computer Skills for Engineering	3	N/A			
EE 101	Fundamentals of Electrical Engineering	3	N/A			
ENGR 103	Introduction to Engineering	3	EGR 111	Introduction to Engineering	3	
ENGR 230	Advanced Engineering Graphics	3	N/A			
ENGR 169	Basic Statistics and Probability	3	MTH 213	Statistics	3	
ENGR 143	Characteristics of Engineering Materials	3	N/A			
MATH 1520	Calculus II	4	MTH 192	Calculus II	4	
CHEM 1120	Introduction to Chemistry	4	CHM 130	Fundamental Chemistry	4	
ENGL 1120	Composition II	3	ENG 102	Freshman English II	3	
EE 102	DC Circuits & Systems	3	N/A			
EE 103	Digital & Circuits Systems	3	N/A			
CHEM 1217	General Chemistry I with Laboratory	4	CHM 151	General Chemistry I	5	
NAV 110	Foundations of Navajo Culture	3	NIS 111	Foundations of Navajo Culture	3	
NAV 211	Navajo History	3	NIS 221	Navajo History to Present	3	
NAV 221	Navajo Government	3	NIS 226	Navajo Nation Government	3	
PHYS 1230	Algebra-Based Physics I Lecture & Lab	4	PHY 110	Algebra-Based Physics I	4	
EE 201	AC Circuits & Systems	3	N/A			
EE 207	Introduction to Modeling & Simulation		N/A			
EE 212	Instrumentation	3	N/A			
HUMN 1180	History of American Indians in Media	3	HUM 152	Film Appreciation	3	
MATH 2410	Differential Equations	4	MTH 221	Ordinary Differential Equations	3	1 credit difference

B.S. Degree in Environmental Science and Natural Resources

NTU #	NTU Course Title	Credit Hours	DC Course #	DC Course Title	Credit Hours	Comments
ENGL1110	Composition I	3	ENG 101	Freshman English I	3	
ENGL 2120	Intermediate Composition	3	ENG 180	Technical Writing	3	
CMP 101	Introduction to Computers	3	CSC 150	Programming Fundamentals	3	
GIT 105	Fundamentals of Cartography	3	ENV 103	Introduction to Cartography/GPS/GIS	1	
ENV 102	Environmental Science I with Lab	4	ENV 101	Introduction to Environmental Science	4	
ENV II	Environmental Science II with Lab	4	N/A			
MATH 1220	College Algebra	4	MTH 110	College Algebra	4	
ENGR 234	Engineering Statistics	3				
ENGR 169	Basic Statistics and Probability	3	MTH 213	Statistics	3	
MATH 1230	Trigonometry	4	MTH 111	Trigonometry	3	
CHEM 1120	Introduction to Chemistry	4	CHM 130	Fundamental Chemistry	4	
NAV 225	Diné Philosophy of Education	3	NIS 294/NIS 295	Diné Education Philosophy I & II	3	
CHEM 1217	General Chemistry I with Laboratory	4	CHM 151	General Chemistry I	5	1 credit difference
CHM 122	General Chemistry II	4	CHM 152	General Chemistry II	4	
COMM 1130	Public Speaking	3	COM 121	Speech Communication	3	
HUMN 1180	History of American Indians in Media	3	HUM 152	Film Appreciation	3	
HST 211	American History 1877 to Present	3	HST 136	American History 1865 to Present	3	
BIOL 1110	General Biology	4	BIO 181	General Biology I	4	
ENV 216	Fundamental of Ecology with Lab	4	ENV 225	Principles of Agroecology	4	
ENV 245	Natural Resources I	4	N/A			
ENV 289	Natural Resources II	4	N/A			
CHEM 2325	Environmental Chemistry	4	N/A			
ECON 1110	Survey of Economics	3	ECO 111	Introduction to Economics	3	
GIT 110	Geographic Information Systems I	3	ENV 160	Introduction to GIS	3	

GIT 111	Geographic Information Systems II	3	N/A			
GIT 202	Remote Sensing	4	N/A			
GIT 210	Service Learning Project	1	N/A			
GIT 220	Database Query	3	N/A			
ENV 225	Introduction to Hydrology with Lab	4	N/A			
CHM 286	Inorganic Chemistry with Lab	4	N/A			

B.S. Degree in Industrial Engineering

NTU #	NTU Course Title	Credit Hours	DC Course #	DC Course Title	Credit Hours	Comments
ENGL1110	Composition I	3	ENG 101	Freshman Composition I	3	
CS 101	Programming I	3	CSC 150	Programming Fundamentals	3	
MATH 1510	Calculus I	4	MTH 191	Calculus I	4	
ENGR 130	Engineering Graphics	3	N/A			
ENGR 123	Computer Skills for Engineering	3	N/A			
EE 101	Fundamentals of Electrical Engineering	3	N/A			
ENGR 103	Introduction to Engineering	3	EGR 111	Introduction to Engineering	3	
ENGR 230	Advanced Engineering Graphics	3	N/A			
ENGR 169	Basic Statistics and Probability	3	MTH 213	Statistics	3	
ENGR 143	Characteristics of Engineering Materials	3	N/A			
MATH 1520	Calculus II	4	MTH 192	Calculus II		
CHEM 1120	Introduction to Chemistry	4	CHM 130	Fundamental Chemistry	4	
ENGL 1120	Composition II	3	ENG 102	Freshman Composition II	3	
IE 223	Design & Manufacturing Processes I	3	N/A			
ENGR 236	Inferential Engineering Statistics	3	N/A			
NAV 221	Navajo Government	3	NIS 226	Navajo Nation Government	3	

PHYS 1230	Algebra-Based Physics I Lecture & Lab	4	PHY 110/111	Algebra-Based Physics I & II	4	
IE 235	Lean Production	3	N/A			
COMM 1130	Public Speaking	3	COM 121	Speech Communication	3	
HUMN 1180	History of American Indians in Media	3	HUM 152	Film Appreciation	3	
MATH 2410	Differential Equations	4	MTH 221	Ordinary Differential Equations	3	1 credit difference
HST 211	American History 1877 to Present	3	HST 136	American History 1865 to Present	3	

B.A.S. Degree in Information Technology

NTU #	NTU Course Title	Credit Hours	DC Course #	DC Course Title	Credit Hours	Comments
ENGL1110	Composition I	3	ENG 101	Freshman I	3	
CS 101	Programming I	3	CSC 150	Programming Fundamentals	3	
CMP 101	Introduction to Computers	3	CSC 110	Introduction to Computer Technology	3	
MATH 1510	Calculus I	4	MTH 191	Calculus I	4	
IT 115	Drawing/Visual Culture	3	N/A			
IT 125	Introduction to Digital Video	3	N/A			
IT 142	Web Design Concepts	3	DA 115	Web Design	3	
IT 150	Introduction to System Administration	3	N/A			
IT 220	Database Design	3	N/A			
IT 218	Algorithms & Data Structures	3	N/A			
IT 218	Algorithms & Data Structures	3	N/A			
IT 222	Computer Security		N/A			
IT 280	IT Project Management	3	N/A			
IT 222	Computer Security	3	N/A			
IT 260	Internetworking	3	CSC 240	Network Fundamentals	3	
IT 270	Web Standards		N/A			

MATH 1220	College Algebra	4	MTH 110	College Algebra	4	
MATH 1230	Trigonometry	4	MTH 111	College Trigonometry	3	1 credit difference
CHEM 1217	General Chemistry I with Lab	4	CHM 151	General Chemistry I	4	
ENGL 1120	Composition II	3	ENG 102	Freshman Composition II		
NAV 221	Navajo Government	3	NIS 226	Navajo Nation Government		
PHYS 1230	Algebra-Based Physics I Lecture & Lab	4	PHY 110	Algebra-Based Physics I	4	
COMM 1130	Public Speaking	3	COM 121	Speech Communication	3	
HUMN 1180	History of American Indians in Media	3	HUM 152	Film Appreciation	3	
HST 211	American History 1877 to Present	3	HST 136	American History 1865 to Present	3	

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11/20/2019

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