



# NAVAJO TECHNICAL UNIVERSITY

## SPRING 2022 COURSE SCHEDULE

**1/18/2022**

**All outstanding accounts must be paid off before registration**

**All students on Academic Probation or Suspension must provide a copy of Academic Contract prior to registration.**

**Student with holds for Probation or Outstanding Accounts are not able to register online.**

**REMEMBER to complete your Financial Aid packets prior to registration of courses.**

*Hybrid courses have both face to face and online (synchronous or asynchronous) meetings.*

**12 credit hours - Full-time**

**1-11 credit hours - Part-time**

**16 credit hours or more will require a Permit for Credit Overload approved by the Dean of Undergraduate Studies**

**INSTRUCTION BEGINS/ENDS -- January 18, 2022 - MAY 12, 2022**

**LATE REGISTRATION WITH A FEE -- January 19-20, 2022**

**LAST DAY TO DROP/ADD -- January 21, 2022**

**Tuition:** \$71.25 per credit hour for enrolled tribal members,

\$142.50 per credit hour for non tribal members

\*\*\* See Page 27 in the Catalog for other fees that may apply.

**\*\*\*Courses subject to change \*\*\*See Catalog for Prerequisites**

### ENGLISH/ HUMANITIES/ SOCIAL SCIENCE COURSES:

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
COMM	1130-1	Public Speaking	MW	9:30am-10:45am	MOD 6	Julie Bales	3	15
COMM	1130-2	Public Speaking	TR	2:00pm-3:15pm	MOD 6	Julie Bales	3	15
COMM	2120-1	Interpersonal Communication	MW	12:30pm-1:45pm	MOD 6	Julie Bales	3	15
COMM	2120-2	Interpersonal Communication	TR	10:00am-11:15am	MOD 6	Julie Bales	3	15
ENGL	098-1	Reading and Writing Skills	MW	12:30pm-1:45pm	MOD 15	Alexander Tallant	3	15
ENGL	1110-1	Composition I	MW	12:30pm-1:45pm	MOD 12	Dr. Peter Moore	3	15
ENGL	1110-2	Composition I	MW	2:00pm-3:15pm	MOD 12	Dr. Peter Moore	3	15
ENGL	1110-3	Composition I	TR	9:30am-10:45am	MOD 12	Dr. Peter Moore	3	15
ENGL	1110-P	Composition I (*See Advisor before placement)	TR	2:00pm-3:45pm	MOD 15	Alexander Tallant	4	15
ENGL	1110-P2	Composition I (*See Advisor before placement)	MW	2:00pm-3:45pm	MOD 15	Alexander Tallant	4	15
ENGL	1410-1	Introduction to Literature	TR	11:00am-12:15pm	MOD 12	Dr. Peter Moore	3	15
ENGL	1996-1	Topics In English	TR	1:00pm-2:20pm	MOD 14	Anita Roastingear	3	15
ENGL	2310-1	Introduction to Creative Writing	TR	11:00am-12:15pm	SUB 208	Dr. Jennifer Wheeler	3	15
ENGL	2340-1	Introduction to Creative Non Fiction Writing	TR	2:00pm-3:15pm	SUM 212	Dr. Jennifer Wheeler	3	15
ENGL	404-1	Creative Writing Thesis	TR	9:00am-11:00am	SUB 208	Dr. Jennifer Wheeler	3	15

FDMA	2175-1	International Cinema	W	2:00pm-4:30pm	MOD 6	Julie Bales	3	15
HUMN	1180-1	History of American Indian in Media	MW	9:00am-10:20am	MOD 14	Anita Roastingear	3	15
HUMN	1180-2	History of American Indian in Media	MW	11:00am-12:20pm	MOD 14	Anita Roastingear	3	15
HUMN	1180-3	History of American Indian in Media	MW	2:00pm-3:20pm	MOD 14	Anita Roastingear	3	15
HUMN	1180-4	History of American Indian in Media	TR	9:00am-10:20am	MOD 14	Anita Roastingear	3	15
HUMN	1180-5	History of American Indian in Media	TR	11:00am-12:20pm	MOD 14	Anita Roastingear	3	15
PSYC	245-HYB	Psychopharmacology in the Treatment of Add. & S.U.D. <i>Hybrid</i>	TR	2:00pm-3:20pm	SUB 208	Dr. Dekelaita-Mullet	3	15
SSC	100-1	College Success Skills (January 25-March 8, 2022)	T	5:15pm-7:30pm	SUB 208	Dr. Delores Becenti	1	15
SSC	100-2	College Success Skills (January 25-March 31, 2022)	TR	3:30pm-4:30pm	SUB 208	Trudy Grantsen	1	15

### MATHEMATICS COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
MTH	113-1	Technical Math	TR	10:00am-11:20am	SUB 213	Jose Vangaurdia	3	15
MTH	113L-1	Technical Math LAB	TR	11:25am-12:20pm	SUB 213	Jose Vangaurdia	1	15
MTH	113-2	Technical Math	MW	4:00pm-5:20pm	SUB 213	Jose Vangaurdia	3	15
MATH	1215-1	Intermediate Algebra <b>FULL</b>	MW	2:00pm-3:40pm	SUB 213	Jose Vangaurdia	4	15
MATH	1215-2	Intermediate Algebra	TR	8:00am-9:40am	SUB 213	Jose Vangaurdia	4	15
MATH	1215-3	Intermediate Algebra	TR	3:00pm-4:40pm	SUB 213	Jose Vangaurdia	4	15
MATH	1220-1	College Algebra	MW	10:00am-11:40am	MOD 9	Mohamed Illafe	4	15
MATH	1220-2	College Algebra	TR	8:00am-9:40am	MOD 1	Dr. Carlos Paez	4	15
MATH	1220-3	College Algebra	TR	10:00am-11:40am	MOD 1	Dr. Carlos Paez	4	15
MATH	1230-1	Trigonometry	MW	2:00pm-3:40pm	MOD 9	Mohamed Illafe	4	15
MATH	1230-2	Trigonometry	TR	1:00pm-2:40pm	MOD 9	Dr. Carlos Paez	4	15
MATH	1240-1	Pre-Calculus	MW	8:00am-9:40am	SUB 213	Dr. Abdulmtalb Hussen	4	15
MATH	1350-1	Introduction to Statistics	MW	10:00am-11:15am	SUB 213	Dr. Abdulmtalb Hussen	3	15
MATH	1520-1	Calculus II	MW	12:00PM-1:40pm	MOD 9	Mohamed Illafe	4	15
MTH	315-1	Biostatistics	TR	1:00pm-2:20pm	TBD	Dr. Olanrewaju Johnson	4	15
MTH	410-1	Linear Algebra	MW	12:00pm-1:15pm	SUB 213	Dr. Abdulmtalb Hussen	3	15

### PHYSICAL/ NATURAL SCIENCE COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
BIOL	1110C-HYB	General Biology <i>Hybrid</i>	MW	9:30am-10:50am	ZOOM	Dr. Irene Anyangwe	4	15
		General Biology LAB	M	8:00am-9:20am	Wet Lab 109			
BIOL	1320C-1	Introduction to Human Anatomy and Physiology II	TR	5:00pm-6:20pm	Wet Lab 109	Dr. Palmer Netongo	4	15
		Introduction to Human Anatomy and Physiology II LAB	W	5:00pm-6:20pm				
BIOL	2110C-1	Principles of Biology: Cellular & Molecular Biology	TR	9:30am-10:50am	Wet Lab 109	Dr. Irene Anyangwe	4	15
		Principles of Biology: Cellular & Molecular Biology LAB	W	8:00am-9:20am				
BIOL	2120C-1	Cellular and Molecular Biology	TR	8:30am-9:20am	Wet Lab 109	Dr. Irene Anyangwe	4	15

BIOL	41200-1	Cellular and Molecular Biology LAB	M	3:30pm-4:50pm	Wet Lab 109	Dr. Irene Anyangwe	4	15
BIOL	409-1	Molecular Biology	TR	2:00pm-3:20pm	Wet Lab 109	Dr. Palmer Netongo	4	15
		Molecular Biology LAB	R	3:30pm-4:50pm				

BIOL	302-HYB	Cell Biology <i>Hybrid</i>	TR	9:30am-10:50am	ZOOM	Dr. Palmer Netongo	4	15
		Cell Biology LAB	F	11:00am-12:20pm	Wet Lab 109			
BIOL	402-1	Biology Research Project	F	2:00pm-5:00pm	Wet Lab 109	Dr. Anyangwe/Palmer	5	15
BIOL	404-1	Bioinformatics	MW	9:30am-10:50am	Wet Lab 109	Dr. Palmer Netongo	4	15
		Bioinformatics LAB	T	11:00am-12:20pm				
BIOL	411C-HYB	Ethnobotany	MW	11:00am-12:20pm	Wet Lab 109	Dr. Irene Anyangwe	4	15
		Ethnobotany LAB	T	3:30pm-4:50pm				
CHEM	1120C-HYB	Introduction to Chemistry <i>Hybrid</i>	TR	9:30am-10:40am	ZOOM	Dr. Soundappan	4	15
		Introduction to Chemistry LAB	M	2:00pm-4:45pm	Wet Lab 114	Melanie Herbert		
CHEM	1217C-HYB	Principles of Chemistry I <i>Hybrid</i>	MW	9:30am-10:40am	ZOOM	Dr. Soundappan	4	15
		Principles of Chemistry I LAB	T	2:00pm-4:45pm	Wet Lab 114	Melanie Herbert		
CHEM	1225C-1	General Chemistry II for STEM Majors	MW	12:30pm-1:40pm	Wet Lab 114	Dr. Soundappan	4	15
		General Chemistry II for STEM Majors	R	2:00pm-4:45pm		Melanie Herbert		
CHEM	2135C-1	Organic Chemistry II	TR	11:00am-12:20pm	Wet Lab 114	Dr. Soundappan	4	15
		Organic Chemistry II LAB	W	2:00pm-4:45pm		Melanie Herbert		
CHEM	2325C-1	Environmental Chemistry	MW	11:00am-12:20pm	Wet Lab 114	Dr. Soundappan	4	15
		Environmental Chemistry	F	9:30am-11:45am		Melanie Herbert		
GEOL	1120C-1	Environmental Geology	M	12:30pm-4:30pm	TECH 301	Dr. RoyChowdhury	4	15
PHYS	1115C-HYB	Survey of Physics <i>Hybrid</i>	TR	9:30am-10:50am	ZOOM	Dr.Meles/Melvin Foster	4	15
		Survey of Physics LAB	F	8:00am-10:50am	TECH 305			
PHYS	1230C-HYB	Algebra Based Physics I <i>Hybrid</i>	TR	12:30pm-1:50pm	ZOOM	Dr.Meles/Melvin Foster	4	15
		Algebra Based Physics I LAB	F	11:00am-1:50pm	TECH 305			
PHYS	1240C-1	Algebra Based Physics II	MW	12:30pm-1:50pm	TECH 305	Dr.Meles/Melvin Foster	4	15
		Algebra Based Physics II LAB	M	2:00pm-4:50pm				
PHYS	1310C-1	Calculus Based Physics I	TR	2:00pm-3:20pm	TECH 305	Dr.Meles/Melvin Foster	4	15
		Calculus Based Physics I LAB	F	2:00pm-4:50pm				
PHYS	1320C-1	Calculus Based Physics II	MW	9:30am-10:50am	TECH 305	Dr.Meles/Melvin Foster	4	15
		Calculus Based Physics II LAB	W	2:00pm-4:50pm				

#### ACCOUNTING COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ACG	111-1	Accounting Principles II	TR	9:00am-10:25am	TECH 321	Tilda Woody	3	15
ACG	215-1	Federal Taxation	TR	10:30am-12:00pm	TECH 321	Tilda Woody	3	15

#### ADMINISTRATIVE OFFICE SPECIALIST COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ADM	114-1	Business Math and Calculators	MW	12:30pm-1:50pm	TECH 316	Phillip Quink	3	15
ADM	201-1	Advanced Document Formatting	TR	8:00am-9:20am	TECH 316	Phillip Quink	3	15

ADM	204-1	Machine Transcription	TR	9:30am-10:50am	TECH 316	Phillip Quink	3	15
ADM	208-1	Office Accounting	MW	9:30am-10:50am	TECH 316	Phillip Quink	3	15
ADM	213-1	Internship	F	8:00am-12:00pm	TECH 316	Phillip Quink	3	15

### ADVANCED MANUFACTURING TECHNOLOGY COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
AMT	311-1	Laser Scanning Methods/Techniques	TR	2:00pm-3:30	Fab Lab/Mod 7	Anusuya Vellingiri	3	15
AMT	370-1	Robotics/Offline Programming	TR	11:00am-12:20pm	TECH 325	Dr. Monsuru Ramoni	3	15
AMT	401-1	Capstone I	TR	3:20pm-4:50pm	MOD 7	Dr. R. Shanmugam	4	15

### AUTOMOTIVE TECHNOLOGY COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
AUT	102-1	Brake Systems	MW	8:30am-12:00pm	Trades Bldg	Steve Kollas	4	15
AUT	104-1	Chassis, Suspension, and Steering	TR	8:30am-12:00pm	Trades Bldg	Steve Kollas	4	15
AUT	111-1	Drive Trains and Axis	MW	1:00pm-4:00pm	Trades Bldg	Steve Kollas	4	15
AUT	113-1	Tune Up/Engine Performance	MW	8:30am-1:30am	Trades Bldg	S. Piechowski-Begay	4	15
AUT	203-1	Advanced Electrical & Electronics Systems	TR	8:30am-11:00am	Trades Bldg	S. Piechowski-Begay	4	15
AUT	213-1	Advanced Engine Performance	MW	1:00pm-3:30pm	Trades Bldg	S. Piechowski-Begay	4	15
AUT	215-1	Engine Repair	TR	1:00pm-4:00pm	Trades Bldg	Steve Kollas	4	15
AUT	286-1	Practicum in Automotive Technology	TR	1:00pm-3:00pm	Trades Bldg	S. Piechowski-Begay	3	15

### BAKING/COOKING/CULINARY COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
BKG	101-1	Professional Baking I	MWTR	12:30pm-4:30pm	CA1	Melvina Jones	8	15
BKG	111-1	Professional Baking II	MWTR	12:30pm-4:30pm	CA1	Melvina Jones	8	15
BKG	201-1	Art of Grand Finale	MWTR	8:00am-12:00pm	Old Culinary	Sheila Begay	4	15
BKG	202-1	Advanced Cake Decorating	MWTR	8:00am-12:00pm	Old Culinary	Sheila Begay	4	15
BKG	209-1	Professional Baking Basics	T	1:00pm-4:30pm	Old Culinary	Sheila Begay	3	15
CKG	101-1	Professional Cooking I	MTWR	8:00am-12:00pm	CA1	Walter Cloud	8	15
CKG	111-1	Professional Cooking II	MTWR	8:00am-12:00pm	CA1	Walter Cloud	8	15
CKG	112-1	Professional Internship	TBD	varies	Cafeteria	Robert Witte	3	15
CKG	208-1	Professional Cooking Basics	M	1:00pm-4:30pm	Old Culinary	Sheila Begay	3	15
CUL	103-HYB	Food Safety & Sanitation <i>Hybrid</i>	F	2:00pm-4:30pm	Multipurpose BLD	Robert Witte	3	15
CUL	105-HYB	Nutrition <i>Hybrid</i>	F	8:00am-10:30am	Multipurpose BLD	Robert Witte	3	15
CUL	205-1	Food & Beverage Management	TR	9:15am-10:30am	Multipurpose BLD	Robert Witte	3	15
CUL	206-1	Banquets & Catering	TR	10:30am-11:45am	Multipurpose BLD	Robert Witte	3	15
CUL	207-HYB	Management & Supervision <i>Hybrid</i>	F	10:45am-1:15pm	Multipurpose BLD	Robert Witte	3	15
CUL	416-1	Hospitality and Tourism	MW	10:00am-11:15am	Hospitality	Brian Tatsukawa	3	15
CUL	445-1	Revenue Management and Controls	MW	1:15pm-2:30pm	Hospitality	Brian Tatsukawa	3	15

CUL	452-1	Capstone in Hospitality Management <i>*Must receive approval to enroll</i>	TR	10:45am-12:00pm	Hospitality	Brian Tatsukawa	3	15
CUL	470-1	Hospitality Law	TR	9:00am-10:15am	Hospitality	Brian Tatsukawa	3	15
CUL	483-1	International Food & Wine	TR	1:15pm-2:30pm	Hospitality	Brian Tatsukawa	3	15

### BUSINESS COURSE

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
BUS	305-1	Effective Business Communication	M	2:00pm-4:30pm	MOD 6	Julie Bales	3	15

### BUSINESS COMPUTER INFORMATION SYSTEMS COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
BCIS	1115-1	Introduction to Computers	MW	8:00am-9:20am	SUB 212	Ricknell Delgarito	3	15
BCIS	1115-2	Introduction to Computers	MW	10:30am-11:50am	SUB 212	Ricknell Delgarito	3	15
BCIS	1115-3	Introduction to Computers	MW	1:30pm-2:50pm	SUB 212	Ricknell Delgarito	3	15

### CHEMICAL ENGINEERING COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
CHEME	117-HYB	Process Technology I - Equipment <i>Hybrid</i>	TR	8:00am-9:20am	TECH 312	Dr. G Ehteshami	4	15
CHEME	222-HYB	Fundamentals of Chemical Engineering <i>Hybrid</i>	TR	11:00am-12:20pm	TECH 312	Dr. G Ehteshami	4	15
CHEME	224-HYB	Quality Control In Chemical Engineering <i>Hybrid</i>	MW	9:30pm-10:50pm	TECH 312	Dr. G Ehteshami	4	15

### COMPUTER SCIENCE COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
CS	125-1	Scripting	TR	9:30am-10:50am	TECH 322	Dr. Frank Stomp	3	15
CS	150-1	Programming II	MW	11:00am-12:20pm	TECH 322	Dr. Frank Stomp	3	15
CS	175-1	Introduction to Computer Organization	TR	11:00am-12:20pm	TECH 312	Dr. Frank Stomp	3	15
CS	101-1	Programming I	MW	9:30am-10:50am	TECH 325	Dr. Frank Stomp	3	15

### CONSTRUCTION TECHNOLOGY COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
CT	100-1	Construction I	T	1:00pm-5:00pm	Carpentry Shop	Tom Bebo	3	15
CT	102-1	Construction Math & Drawing	M	1:00pm-3:00pm	Carpentry Shop	Tom Bebo	2	15
CT	103-1	Introduction to Craft Skills	R	8:30am-11:30am	Carpentry Shop	Tom Bebo	3	15
CT	104-1	Construction and Masonary Construction	W	8:30am-11:30am	Carpentry Shop	Tom Bebo	3	15
CT	110-1	Construction II	T	8:30-12:00pm	Carpentry Shop	Tom Bebo	3	15
CT	119-1	Construction Site Practicum	W	1:00pm-5:00pm	Carpentry Shop	Tom Bebo	3	15
CT	121-1	Introduction Building Enviromental System	T	10:00am-12:00pm	NRS2	Samuel Quashie	2	15
CT	200-1	Construction Codes and Specifications	TR	3:30pm-4:30pm	NRS2	Samuel Quashie	3	15
CT	203-1	Construction Surveying	M	1:00pm-3:30pm	NRS2	Samuel Quashie	3	15
CT	206-1	Sustainable Construction	R	10:00am-12:00pm	NRS2	Samuel Quashie	3	15
CT	208-1	Materials and Methods of Construction	M	3:30pm-6:30pm	NRS2	Samuel Quashie	3	15
CT	210-1	Construction Site Safety Management	TR	4:40pm-5:40pm	NRS2	Samuel Quashie	3	15

CT	215-1	Advanced Construction Project Management	TR	2:00pm-3:20pm	NRS2	Samuel Quashie	3	15
<b>COUNSELING COURSES</b>								
NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
COU	108-HYB	Foundations of Addiction <i>Hybrid</i>	MW	6:00pm-7:20pm	SUB 208	Dr. Dekelaita-Mullet	3	15
COU	285-HYB	Prevention, Education, Postvention Services, and Advocacy <i>Hybrid</i>	MW	2:00pm-3:20pm	SUB 208	Dr. Dekelaita-Mullet	3	15
<b>DINE STUDIES COURSES</b>								
NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
NAV	121-1	International Leadership	TR	10:00am-11:20am	Hogan	David Nez	3	15
NAV	302-1	Intermediate Navajo Language Writing	MW	1:00pm-2:50pm	MOD 10	Sharon Nelson	4	15
NAV	421-1	Native North American Leadership	TR	1:00pm-2:20pm	Hogan	David Nez	3	15
NAV	490A-1	Researching Navajo (Senior Thesis)	TBD	TBD	TBD	Dr. Franklin Sage	3	15
NAVA	1110-1	Navajo I	MW	8:00am-9:50am	Hogan	Sharon Nelson	4	15
NAVA	1130-1	Beginning Navajo Reading and Writing	TR	8:00am-9:50am	Hogan	Sharon Nelson	4	15
NAVA	1210-1	Navajo Cultural Arts	MW	10:00am-11:20am	Hogan	Bonnie Yazzie	3	15
NAVA	1310-1	Navajo Weaving I	TR	11:30am-12:50am	Hogan	Bonnie Yazzie	3	15
NAVA	2210-1	Navajo Culture	TR	10:30am-11:50am	MOD 10	Sharon Nelson	3	15
NAVA	2210-2	Navajo Culture	TR	9:00am-10:20am	TBD	Dr. Franklin Sage	3	15
NAVA	2220-1	Navajo History	MW	9:00am-10:20am	MOD 10	Lupita Chicag	3	15
NAVA	2230-1	Navajo Government	MW	10:30am-11:50am	MOD 10	Lupita Chicag	3	15
<b>DRAFTING/BIM COURSES</b>								
NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
DFT	212-1	Advanced Architectural Drafting	MW	12:30pm-1:50pm	TECH 322	Anusuya Vellingiri	3	15
DFT	220-1	Computer Aided Drafting II	TR	11:00am-12:20pm	TECH 322	Anusuya Vellingiri	3	15
DFT	250-1	Construction Management/Estimation	TR	2:00pm-3:20pm	TECH 322	Anusuya Vellingiri	3	15
<b>EARLY CHILDHOOD MULTICULTURAL EDUCATION COURSES</b>								
NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ECED	2130-HYB	Curriculum Development & Implementation	TR	10:00am-12:00pm	MOD 5	Kelly Dineyazhe-Hunter	3	15
ECED	2131-HYB	Curr. Dev. & Implem. Age 3 though Grade 3 -Practicum	TR	FIELD	FIELD	Kelly Dineyazhe-Hunter	2	15
<b>ELECTRICAL TRADES COURSES</b>								
NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ELC	100-1	Modern Residential Wiring	MW	12:30pm-2:20pm	Trades Bldg	Virgil House	3	15
ELC	101-1	Electrical Level I	MW	8:00am-9:50am	Trades Bldg	Virgil House	4	15
ELC	102-1	Electrical Trades Lab I	MW	2:30pm-5:00pm	Trades Bldg	Virgil House	2	15
ELC	111-1	Commercial Wiring	TR	8:00am-9:50am	Trades Bldg	Virgil House	4	15
ELC	112-1	Electrical Lab II	TR	10:00am-12:00pm	Trades Bldg	Virgil House	2	15
ELC	113-1	Residential/Commercial Blueprint Reading	TR	1:00pm-2:50pm	Trades Bldg	Virgil House	4	15

### ELECTRICAL ENGINEERING COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
EE	101-1	Electrical Engineering Fundamentals	TR	3:30pm-5:00pm	TECH 312	Roy Rafael	3	15
EE	201-1	AC Circuits & Systems	MW	8:00am-9:15am	EE MOD16A	Dr. Kamel Alboaoouh	3	15
EE	207-1	Intro to Modeling and Simulation	TR	9:30am-10:15am	EE MOD16B	Dr. Peter Romine	3	15
EE	212-1	Instrumentation I	TR	11:00am-12:20pm	EE MOD16A	Dr. S. Arumugam	3	15
EE	230-1	Introduction to VHDL and FPGA	MW	2:00pm-3:15pm	TECH 312	Conrad Begay	3	15
EE	296-1	Sophomore Project	TR	8:00am-9:15am	EE MOD 16B	Dr. Peter Romine	1	15
EE	301-1	Signals & Systems	MW	11:00am-12:30pm	EE MOD16A	Dr. S. Arumugam	3	15
EE	370-1	Electrical Machinery	MW	9:30-11:00am	EE MOD16A	Dr. S. Arumugam	3	15
EE	395-1	Topics: Discrete Math & Engineering Applications	MW	8:00am-9:15am	TBD	TBD	3	15
EE	396-1	Junior Research Project	TR	2:00pm-3:15pm	EE MOD 16B	Dr. Peter Romine	3	15
EE	406-1	Computer Networks	TR	8:00am-9:15am	EE MOD16A	Dr. Kamel Alboaoouh	3	15
EE	413-1	Analog VLSI	TR	3:30pm-4:45pm	TECH 312	Dr. Kamel Alboaoouh	3	15
EE	423-1	Capstone Design	TR	2:00pm-3:15pm	EE MOD16B	Dr. Peter Romine	3	15
EE	430-1	Computer Architecture and Design	MW	2:00pm-3:15pm	EE MOD16A	Dr. Kamel Alboaoouh	3	15
EE	440-1	Operating Systems I	MW	3:30pm-4:45pm	EE MOD16A	Dr. Kamel Alboaoouh	3	15
EE	460-1	Electrical Power Plants	MW	3:30pm-5:00pm	TBD	Dr. S. Arumugam	3	15
EE	470-1	Electric Power Devices	MW	12:30pm-2:00pm	EE MOD16A	Dr. S. Arumugam	3	15

### ENERGY SYSTEM COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ERS	102-1	Photovoltaic Theory & Design	MW	12:30pm-1:50pm	MOD 2	Darrick Lee	3	15
ERS	104-1	Electrical Mathematics	TR	8:00am-9:30am	MOD 2	Darrick Lee	3	15
ERS	106-1	Wind and Solar Power	MW	9:30am-10:50am	MOD 2	Darrick Lee	3	15
ERS	114-1	National Electrical Code (NEC) Exam Prep	TR	9:30am-10:50am	MOD 2	Darrick Lee	3	15
ERS	115-1	System Controls	MW	9:00am-3:30am	MOD 2	Darrick Lee	3	15

### ENGINEERING TECHNOLOGY COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ENGR	103-1	Introduction to Engineering	TR	9:30am-11:00am	TECH 325	Harry Whiting	3	15
ENGR	169-1	Basic Statistics and Probability	MW	12:30am-2:00pm	TECH 325	Harry Whiting	3	15
ENGR	230-HYB	Advanced Engineering Technology <i>Hybrid</i>	TR	2:00pm-3:20pm	TECH 325	Dr. Osama Fakron	3	15

### ENVIRONMENTAL ENGINEERING COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ENVE	286-1	Applications of Biology to Environmental Engineering	MW	12:30pm-1:50pm	TECH 312	Dr. Olanrewaju Johnson	3	15
ENVE	429-1	Capstone	TR	3:30pm-4:50pm	ENGR CLRM	Dr. Olanrewaju Johnson	3	15
ENVE	468-1	Air Pollution Control	TR	2:00pm-3:20pm	TECH 312	Juanita Francis	3	15



ENVE	499-1	Methods & Materials Characterization	MW	11:00am-12:20pm	ENGR CLRM	Dr. Olanrewaju Johnson	3	15
ENVE	2110-1	Fundamentals of Environmental Engineering	MW	8:00am-9:20am	TECH 322	Juanita Francis	3	15

### ENVIRONMENTAL SCIENCE AND NATURAL RESOURCES COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ENVS	1110C-1	Environmental Science I	MWF	8:00am-9:30am	TECH 301	Steven Chischilly	4	15
ENVS	1120C-1	Environmental Science II	MWF	9:30am-11:00am	TECH 301	Steven Chischilly	4	15
ENV	289-1	Natural Resources II	TRF	8:00am-9:30am	TECH 301	Steven Chischilly	4	15
ENV	312-1	Summer Internship	TRF	9:30am-11:00am	TECH 301	Steven Chischilly	3	15
ENV	425-1	Advanced Environmental Law	TR	11:00am-12:30pm	TECH 301	Dr. RoyChowdhury	3	15
ENV	464-1	Capstone	T	1:00pm-4:00pm	TECH 301	Dr. RoyChowdhury	4	15
ENV	485-1	Environmental Regulation Enforcement	W	1:00pm-4:00pm	TECH 301	Dr. RoyChowdhury	3	15

### GEOGRAPHIC INFORMATION TECHNOLOGY COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
GIT	105-1	Fundamentals of Cartography	MW	11:00am-12:20pm	TECH 325	Dr. Nsalambi Nkongolo	3	15
GIT	110-1	Geographic Information Systems I	TR	8:00am-9:20am	TECH 325	Dr. Nsalambi Nkongolo	3	15
GIT	111-1	Geographic Information Systems II	MW	3:30pm-4:50pm	TECH 325	Dr. Nsalambi Nkongolo	3	15
GIT	202-1	Remote Sensing	MW	2:00pm-3:20pm	TECH 325	Dr. Nsalambi Nkongolo	3	15
GIT	210-1	Service Learning Project	F	11:00am-12:20pm	TECH 325	Dr. Nsalambi Nkongolo	1	15
GIT	220-1	Database Query	TR	3:30pm-4:50pm	TECH 325	Dr. Nsalambi Nkongolo	3	15

### HEAVY EQUIPMENT OPERATOR COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
HEOP	1110-1	Maintenance of Heavy Equipment	MTWR	9:30am-3:30pm	CDL Trailer	Collins Woody	3	10
HEOP	1115-1	Forklift Operation	MTWR	9:30am-3:30pm	CDL Trailer	Collins Woody	2	10
HEOP	1120-1	Backhoe Operation	MTWR	9:30am-3:30pm	CDL Trailer	Collins Woody	2	10
HEOP	1125-1	Front End Loader Operation	MTWR	9:30am-3:30pm	CDL Trailer	Collins Woody	2	10
HEOP	1130-1	Excavator Operation	MTWR	9:30am-3:30pm	CDL Trailer	Collins Woody	2	10
HEOP	1135-1	Motor Grader Operation	MTWR	9:30am-3:30pm	CDL Trailer	Collins Woody	2	10
HEOP	1140-1	Dozer Operation	MTWR	9:30am-3:30pm	CDL Trailer	Collins Woody	2	10

### INDUSTRIAL ENGINEERING COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
IE	235-1	Lean Production	F	8:00am-11:00am	TECH 322	Harry Whiting	3	15
IE	243-1	Strength of Materials	TR	9:30am-10:50am	MOD 7	Anusuya Vellingiri	3	15
IE	295-1	Topics: HAZWOPER	F	9:30am-12:30am	TECH325	Juanita Francis	3	15
IE	323-1	Human Factors in Product Design	MW	8:00am-9:20am	TECH 325	Harry Whiting	3	15
IE	343-1	Design and Manufacturing Processes II	TR	8:00am-9:20am	TECH 322	Dr. M. Ramoni	3	15
IE	363-1	Design of Experiments	MW	9:30am-10:50am	TECH 322	Dr. M. Ramoni	3	15

IE	424-1	Capstone II	TR	3:30pm-4:50pm	TECH 322	Dr. M. Ramoni	3	15
IE	463-1	Facility Planning & Material Handling	TR	8:00am-9:20am	MOD 7	Harry Whiting	3	15
IE	473-1	Inventory Control & Production Planning	MW	12:30pm-1:50PM	TECH 322	Dr. M. Ramoni	3	15
IE	494-1	Computer Simulation for Industrial Engineering	MW	2:00pm-3:20pm	Fab Lab	Dr. R. Shanmugam	3	15

### INFORMATION TECHNOLOGY COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
IT	105-HYB	Introduction to Programming	TR	9:30am-11:00am	IT 116	Mark Trebian	3	15
IT	112-1	Photography	TR	12:30pm-1:50pm	TECH 333	Aanor Louis	3	15
IT	115-1	Drawing Visual Culture	MW	9:30am-10:50am	TECH 333	Aanor Louis	3	15
IT	125-1	Introduction to Digital Video	TR	11:00am-12:20pm	TECH 333	Aanor Louis	3	15
IT	142-1	Web Design Concepts	TR	11:00am-12:20am	IT 116	Sumathi Ragavanantham	3	15
IT	150-1	Introduction to System Administration	MW	9:30am-10:50am	IT 116	Sumathi Ragavanantham	3	15
IT	280-1	IT Project Management	MW	2:00pm-3:20pm	IT 116	Sumathi Ragavanantham	3	15
IT	300-1	Sound Design	MW	12:30pm-1:50pm	TECH 333	Aanor Louis	3	15
IT	375-1	Javascript Core Skills	F	9:30am -12:00pm	IT 116	Sumathi Ragavanantham	3	15
IT	435B-HYB	HPC/Parallel Computing	TR	12:30am-2:00pm	IT 116	Mark Trebian	3	15
IT	440B-HYB	Advanced Technology Administration	TR	3:30pm-5:00pm	IT 116	Mark Trebian	3	15
IT	472A-1	Web App Development	TR	2:00pm-3:20pm	IT 116	Sumathi Ragavanantham	3	15
IT	472B-HYB	Web App Development	MW	3:30-5:00pm	IT 116	Mark Trebian	3	15
IT	485A-HYB	Advanced Technology Administration	MW	11:00am-12:30pm	IT 116	Mark Trebian	3	15
IT	485B-HYB	Advanced Technology Administration	MW	3:30-5:00pm	IT 116	Mark Trebian	3	15
IT	490A-1	Senior Project	MW	9:30am-10:50am	TECH 333	Aanor Louis	3	15
IT	490B-1	Senior Project	MW	11:00am-12:20pm	TECH 333	Aanor Louis	3	15

### LAW COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
LAW	104-1	Legal Research and Writing	TR	9:00am-11:00am	Law Bldg	Sidner Larson	3	15
LAW	201-1	Consumer Law	MW	6:00pm-8:00pm	Law Bldg	Sidner Larson	3	15
LAW	202-1	Procedure in Criminal Law and in Civil Cases	TR	1:00pm-3:00pm	Law Bldg	Sidner Larson	3	15
LAW	203-1	Business Law	MW	1:00pm-3:00pm	Law Bldg	Sidner Larson	3	15

### MECHANICAL ENGINEERING COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
ME	305-HYB	System Dynamics <i>Hybrid</i>	MW	8:00am-9:20am	MOD 7	Dr. Osama Fakron	3	15
ME	331-1	Kinematics of Machinery	TR	8:00am-9:20am	ENGR CLRM	Dr. Alden Yellowhorse	3	15
ME	345-HYB	Statics <i>Hybrid</i>	MW	2:00pm-3:20pm	TECH 322	Dr. Osama Fakron	3	15
ME	353-1	Fluid Mechanics	MW	12:30pm-1:50pm	TECH 312	Dr. Olanrewaju Johnson	3	15
ME	354-1	Thermodynamics	MW	11:00am-12:20pm	MOD 7	Dr. Alden Yellowhorse	3	15

ME	401-1	Introduction to Artificial Intelligence	TR	9:30am-10:50am	ENGR CLRM	Dr. Alden Yellowhorse	3	'15
ME	405-1	Heat Transfer	MW	2:00pm-3:20pm	ENGR CLRM	Dr. Alden Yellowhorse	3	15
ME	410-1	Capstone Project II	TR	2:00pm-3:20pm	EE MOD16A	Dr. Alden Yellowhorse	3	15

### NURSING ASSISTANT COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
NRS	101-HYB	Nurse Assisting Theory and Lab <i>Hybrid</i>	TR	9:30am-12:30pm	NRS 1	Rachel Pacheco	5	10
NRS	101-HY2	Nurse Assisting Theory and Lab <i>Hybrid</i>	TR	9:30am-12:30pm	NRS 1	Rachel Pacheco	5	10
NRS	102-1	Nurse Assisting Internship	FS	7:00am-3:30pm	Nursing Home	Rachel Pacheco	1	10
NRS	102-2	Nurse Assisting Internship	FS	7:00am-3:30pm	Nursing Home	Rachel Pacheco	1	10
NRS	103-HYB	Medical Terminology <i>Hybrid</i>	TR	5:00pm-6:30pm	NRS 1	Ronald Dancy	3	15

### PHYSICAL COURSE

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
PHED	1830-1	Running	TR	10:00am-11:00am	Wellness Ctr	George LaFrance	1	15

### SUSTAINABILITY COURSE

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
SUST	1134C-1	Introduction to Sustainability Studies	R	12:30pm-4:30pm	TECH 301	Dr. RoyChowdhury	4	15

### VETERINARY COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
VET	090-1	Introduction to Veterinary Technology	M	9:00am-11:00am		Krysal Louis, RVT	1	15
VET	135-1	Veterinary Anatomy		TBD		Dr. Daye	4	15
VET	142-1	Veterinary Clinical Pharmacology		TBD		TBD	2	15
VET	144-1	Veterinary Clinical Laboratory Procedures I		TBD		Krysal Louis, RVT	3	15
VET	146-1	Veterinary Nursing II		TBD		Krysal Louis, RVT	2	15
VET	150-1	Veterinary Dentistry		TBD		Dr. Daye	2	15
VET	242-1	Avian, Exotic, Lab Animal Husbandry and Handling		TBD		TBD	2	15
VET	244-1	Veterinary Clinical Laboratory Procedures III		TBD		Krysal Louis, RVT	3	15
VET	248-1	Veterinary Critical Care		TBD		Dr. Daye	2	15

### WELDING COURSES

NUMBER		DESCRIPTION	DAYS/WEEK	TIME PERIOD	LOCATION	INSTRUCTOR	CREDITS	CAP
WLD	101-1	Welding Fundamentals	M	8:00am-12:00pm	Welding Shop	Verna Casamero	3	15
WLD	105-1	Pipe Welding I	W	8:00am-12:00pm	Welding Shop	Christopher Storer	3	15
WLD	115-1	Structural Welding I	T	8:00am-12:00pm	Welding Shop	Christopher Storer	3	15
WLD	125-1	Structural Welding II	T	1:00pm-5:00pm	Welding Shop	Christopher Storer	3	15
WLD	130-1	Welding Fundamentals II	M	1:00pm-5:00pm	Welding Shop	Christopher Storer	3	15
WLD	150-1	Pipe Welding II	W	1:00pm-5:00pm	Welding Shop	Christopher Storer	3	15
WLD	156-1	Welding Qualifications	R	8:00am-12:00pm	Welding Shop	Christopher Storer	3	15

**GRADUATE STUDIES --- DINE CULTURE LANGUAGE & LEADERSHIP COURSES**

**PLEASE CONTACT DR. JENNIFER WHEELER AT HOGAN FOR ADVISEMENT**

NAV	501-HYB	Navajo Linguistics <i>HYBRID</i>	TR	5:00pm-6:20pm	Hogan	Dr. Siri Tuttle	3	15
NAV	511-HYB	Navajo Verb System <i>HYBRID</i>	M	5:00pm-7:40pm	Hogan	Dr. Siri Tuttle	3	15
NAV	691A-1	Thesis (Part 1)	W	5:00pm-7:40pm	Hogan	Franklin Sage	3	15