



NAVAJO TECHNICAL UNIVERSITY

SPRING 2023 COURSE SCHEDULE

12/5/2022

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.

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 -January 17, 2023 ENDS-May 12, 2023

LATE REGISTRATION WITH A FEE -- January 18-19, 2023

LAST DAY TO DROP/ADD -- January 20, 2022

Tuition: \$73.00 per credit hour for enrolled tribal members,

\$146.00 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**

ADMINISTRATIVE OFFICE SPECIALIST COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|------------------------------|-----------|----------------|----------|--------------------------|---------|-----|
| ADM | 105-1 | MS Excel Applications | MW | 5:15pm-6:30pm | TECH 321 | Shirleen Willie | 3 | 17 |
| ADM | 111-1 | Keyboarding & Formatting II | T | 11:00am-1:00pm | Library | Christine Reidhead | 3 | 17 |
| ADM | 113-1 | Office Procedures | TR | 5:30pm-6:45pm | SUB 208 | Sherietta Martinez-Brown | 3 | 17 |
| ADM | 115-1 | Records Management | MW | 12:30-1:50pm | TECH 316 | Phillip Quink | 3 | 17 |
| ADM | 201-1 | Advanced Document Formatting | TR | 8:00am-9:20am | TECH 316 | Phillip Quink | 3 | 17 |
| ADM | 205-2 | Office Management | TR | 9:30-10:50am | TECH 316 | Phillip Quink | 3 | 17 |
| ADM | 208-1 | Office Accounting | MW | 9:30am-10:50am | TECH 316 | Phillip Quink | 3 | 17 |
| ADM | 213-1 | Internship | Varies | Varies | Varies | Phillip Quink | 3 | 17 |

ADVANCED MANUFACTURING TECHNOLOGY COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|-----------------------------------|-----------|----------------|----------|--------------------|---------|-----|
| AMT | 210-1 | Applied GD&T | TR | 3:30pm-4:50pm | TBD | Dr. R. Shanmugam | 3 | 17 |
| AMT | 311-1 | Laser Scanning Methods/Techniques | MW | 9:00am-10:50am | Fab Lab | Anusuya Vellingiri | 3 | 17 |
| AMT | 370-1 | Robotics/Offline Programming | F | 2:00pm-4:30pm | TBD | Dr. R. Shanmugam | 3 | 17 |
| AMT | 401-1 | Capstone I | MW | 3:30pm-5:00pm | TECH 322 | Dr. R. Shanmugam | 4 | 17 |

AUTOMOTIVE TECHNOLOGY COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|---|-----------|----------------|----------|---------------|---------|-----|
| AUT | 102-1 | Brake Systems | MW | 8:30am-12:00pm | Trades | Steven Kollas | 4 | 17 |
| AUT | 111-1 | Drive Trains and Axles | MW | 1:00pm-4:00pm | Trades | Steven Kollas | 4 | 17 |
| AUT | 113-1 | Tune Up/ Engine Performance | TR | 1:00pm-4:00pm | Trades | Steven Kollas | 4 | 17 |
| AUT | 203-1 | Advanced Electrical and Electronics Systems | TR | 8:00am-12:00pm | Trades | Steven Kollas | 4 | 17 |
| AUT | 213-1 | Advanced Engine Performance | TR | 5:00pm-8:00pm | Trades | Steven Kollas | 4 | 17 |

BAKING/COOKING/CULINARY COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|--|-----------|-----------------|----------------|-----------------|---------|-----|
| BKG | 101-1 | Professional Baking I | MTWR | 12:30pm-4:30pm | Hospitality | Melvina Jones | 8 | 17 |
| BKG | 111-1 | Professional Baking II | MTWR | 12:30pm-4:30pm | Hospitality | Melvina Jones | 8 | 17 |
| BKG | 201-1 | Art of Grand Finale | MTWRF | 8:00am-12:00pm | Old Culinary | Sheila Begay | 4 | 17 |
| BKG | 202-1 | Advanced Cake Decorating | MTWRF | 8:00am-12:00pm | Old Culinary | Sheila Begay | 4 | 17 |
| BKG | 209-1 | Professional Baking Basics | T | 1:00pm-4:30pm | Old Culinary | Sheila Begay | 3 | 17 |
| CKG | 101-1 | Professional Cooking I | MTWR | 8:00am-12:00pm | CA1 | Walter Cloud | 8 | 17 |
| CKG | 111-1 | Professional Cooking II | MTWR | 8:00am-12:00pm | CA1 | Walter Cloud | 8 | 17 |
| CKG | 112-1 | Professional Internship | TBD | TBD | Varies | Robert Witte | 3 | 17 |
| CKG | 208-1 | Professional Cooking Basics | W | 1:00pm-4:30pm | Old Culinary | Sheila Begay | 3 | 17 |
| CUL | 103-1 | Food Safety & Sanitation | TR | 9:15am-10:30am | Old Board Room | Robert Witte | 3 | 17 |
| CUL | 105-1 | Nutrition | F | 11:00am-1:30pm | Old Board Room | Robert Witte | 3 | 17 |
| CUL | 205-1 | Food & Beverage Management | TR | 9:15am-10:30am | Old Board Room | Robert Witte | 3 | 17 |
| CUL | 206-1 | Banquets & Catering | TR | 10:30am-11:45am | Old Board Room | Robert Witte | 3 | 17 |
| CUL | 207-1 | Management & Supervision | F | 2:00pm-4:30pm | Old Board Room | Robert Witte | 3 | 17 |
| CUL | 445-1 | Revenue Management in Hospitality Operations | TR | 1:15pm-2:30pm | Hospitality | Brian Tatsukawa | 3 | 17 |
| CUL | 452-1 | Capstone in Hospitality | MW | 10:00am-11:15am | Hospitality | Brian Tatsukawa | 3 | 17 |
| CUL | 483-1 | International Food & Wine | MW | 1:15pm-2:30pm | Hospitality | Brian Tatsukawa | 3 | 17 |
| CUL | 489-1 | Hospitality Industry Financial Analysis | TR | 10:00am-11:15am | Hospitality | Brian Tatsukawa | 3 | 17 |

BUSINESS COURSES

| 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 | 17 |
| BUS | 437-1 | Internship | TBD | Varies | Varies | Christine Reidhead | 3 | 17 |

BUSINESS COMPUTER INFORMATION SYSTEMS COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|--------|---------------------------|-----------|-----------------|----------|--------------------|---------|-----|
| BCIS | 1115-1 | Introduction to Computers | MW | 8:00am-9:20pm | SUB 212 | Ricknell Delgarito | 3 | 17 |
| BCIS | 1115-2 | Introduction to Computers | MW | 10:30am-11:50am | SUB 212 | Ricknell Delgarito | 3 | 17 |
| BCIS | 1115-3 | Introduction to Computers | MW | 1:30pm-2:20pm | SUB 212 | Ricknell Delgarito | 3 | 17 |

| BCIS | 1115-4 | Introduction to Computers | MW | 3:30pm-4:50pm | SUB 212 | Ricknell Delgarito | 3 | 17 |
|--|--------|---|-----------|-----------------|----------------|-------------------------|---------|-----|
| CHEMICAL ENGINEERING COURSES | | | | | | | | |
| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
| CHEME | 117-1 | Process Technology I - Equipment | TR | 8:00am-9:30pm | TECH 312 | Dr. Gholam Ehteshami | 4 | 17 |
| CHEME | 223-1 | Petroleum Refinery Engineering & Petrochemicals | TR | 9:30am-10:50am | TECH 312 | Dr. Phillipe Pohl | 4 | 17 |
| CHEME | 224-1 | Quality Control in Chemical Engineering | MW | 9:30am-10:50am | TECH 312 | Dr. Gholam Ehteshami | 4 | 17 |
| CHEME | 230-1 | Practicum in Industry | Varies | Varies | Varies | Dr. Gholam Ehteshami | 4 | 17 |
| CHEME | 231-1 | Process Technology III - Operations | MW | 8:00am-9:20pm | TECH 312 | Dr. Gholam Ehteshami | 4 | 17 |
| COMPUTER SCIENCE COURSES | | | | | | | | |
| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
| CS | 120-1 | Computational Thinking | MW | 9:30am-10:50am | MOD 10 | Dr. Frank Stomp | 3 | 17 |
| CS | 150-1 | Programming II | MW | 11:00am-12:20pm | MOD 10 | Dr. Frank Stomp | 3 | 17 |
| CS | 201-1 | Data Structures I | TR | 9:30am-10:50am | MOD 10 | Dr. Frank Stomp | 3 | 17 |
| CS | 251-1 | Data Structures II | TR | 11:00am-12:20pm | MOD 10 | Dr. Frank Stomp | 3 | 17 |
| CONSTRUCTION TECHNOLOGY COURSES | | | | | | | | |
| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
| CT | 100-1 | Construction I | T | 1:00pm-4:30pm | Carpentry Shop | Tom Bebo | 3 | 17 |
| CT | 102-1 | Construction Math & Drawing | M | 1:00pm-3:00pm | Carpentry Shop | Tom Bebo | 2 | 17 |
| CT | 103-1 | Introduction to Craft Skills | R | 8:30am-11:30am | Carpentry Shop | Tom Bebo | 3 | 17 |
| CT | 104-1 | Concrete and Masonary Construction | W | 8:30am-11:30am | Carpentry Shop | Tom Bebo | 3 | 17 |
| CT | 110-1 | Construction II | T | 8:30am-11:30am | Carpentry Shop | Tom Bebo | 3 | 17 |
| CT | 115-1 | Introduction Construction Project Management | TR | 2:00pm-3:20pm | TECH 322 | Anusuya Vellingiri | 3 | 17 |
| CT | 119-1 | Construction Site Practicum | W | 1:00pm-4:30pm | Carpentry Shop | Tom Bebo | 3 | 17 |
| CT | 121-1 | Introduction Building Environmental System | MW | 12:30pm-1:50pm | TECH 322 | Anusuya Vellingiri | 2 | 17 |
| CT | 206-1 | Sustainable Construction | TR | 9:30am-11:50am | TECH 322 | Anusuya Vellingiri | 3 | 17 |
| CT | 210-1 | Construction Site Safety Management | MW | 11:00am-12:20pm | TECH 312 | Anusuya Vellingiri | 3 | 17 |
| COUNSELING COURSES | | | | | | | | |
| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
| COU | 108-1 | Foundations of Addiction | T | 2:00pm-4:15pm | SUB 208 | Dr. D. Dekelaita-Mullet | 3 | 17 |
| PSY | 245-1 | Psychopharmacology | W | 2:00pm-4:15pm | SUB 208 | Dr. D. Dekelaita-Mullet | 3 | 17 |
| DRAFTING/BIM COURSES | | | | | | | | |
| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
| DFT | 112-1 | Architectural Drafting | TR | 11:00am-12:20pm | TECH 322 | Anusuya Vellingiri | 3 | 17 |
| EARLY CHILDHOOD MULTICULTURAL EDUCATION COURSES | | | | | | | | |
| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |

| | | | | | | | | |
|------|--------|--|----|----------------|-------|----------------------|---|----|
| ECED | 3040-1 | Integrated Curriculum: Birth through Age 4 (Pre-K) | MW | 2:00pm-3:45pm | NRS 2 | Dr. SuNeetha DeSilva | 4 | 17 |
| ECED | 3505-1 | Advanced Caregiving for Infants and Toddlers | MR | 9:00am-10:45am | NRS 2 | Dr. SuNeetha DeSilva | 3 | 17 |
| ECED | 4920-1 | Student Teaching Practicum (Birth through Age 8) | TF | 2:00pm-3:45pm | NRS 2 | Dr. SuNeetha DeSilva | 2 | 17 |

ELECTRICAL TRADES COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|--|-----------|-----------------|----------|--------------|---------|-----|
| ELC | 100-1 | Modern Residential Wiring | MW | 12:30pm-2:20pm | Trades | Virgil House | 3 | 17 |
| ELC | 101-1 | Electrical Level I | MW | 8:00am-9:50am | Trades | Virgil House | 4 | 17 |
| ELC | 102-1 | Electrical Trades Lab I | MW | 2:30pm-5:00pm | Trades | Virgil House | 2 | 17 |
| ELC | 111-1 | Commercial Wiring | TR | 8:00am-9:50am | Trades | Virgil House | 4 | 17 |
| ELC | 112-1 | Electrical Trades Lab II | TR | 10:00am-12:00pm | Trades | Virgil House | 2 | 17 |
| ELC | 113-1 | Residential/Commercial Blueprint Reading | TR | 1:00pm-2:30pm | Trades | Virgil House | 4 | 17 |
| ERS | 114-1 | National Electrical Code Prep | TR | 3:30pm-5:00pm | Trades | Virgil House | 3 | 17 |

ELECTRICAL ENGINEERING COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|-------------------------------------|-----------|-------------------|----------|------------------|---------|-----|
| EE | 101-1 | Electrical Engineering Fundamentals | MW | 2:00pm-3:20pm | MOD16B | Roy Rafael | 3 | 17 |
| EE | 201-1 | AC Circuits and Systems | MW | 9:30am to 10:50am | MOD16A | Dr. S. Arumugam | 3 | 17 |
| EE | 296-1 | Sophmore Project | TR | 12:30pm-1:50pm | MOD16A | Dr. Peter Romine | 1 | 17 |
| EE | 301-1 | Signals and Systems | MW | 11:00am-12:20pm | MOD16A | Dr. S. Arumugam | 3 | 17 |
| EE | 303-1 | Probability and Random Signals | MW | 2:00pm-3:20pm | MOD16A | Dr. S. Arumugam | 3 | 17 |
| EE | 313-1 | Summer Internship | F | 12:30pm-1:50pm | MOD16A | Dr. Peter Romine | 3 | 17 |
| EE | 396-1 | Junior Project | TR | 5:00pm-6:20pm | MOD16A | Dr. Peter Romine | 3 | 17 |
| EE | 422-1 | Senior Project | MW | 12:30pm-1:50pm | MOD16A | Dr. Peter Romine | 3 | 17 |
| EE | 432-1 | Capton Project | MW | 5:00pm-6:20pm | MOD16A | Dr. Peter Romine | 3 | 17 |
| EE | 470-1 | Electric Power Devices | TR | 9:30am-10:50am | MOD16A | Dr. S. Arumugam | 3 | 17 |
| EE | 471-1 | Power System Analysis | TR | 11:00am-12:20pm | MOD16A | Dr. S. Arumugam | 3 | 17 |

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 | 17 |
| ERS | 103-1 | Photovoltaic Theory & Design II | TR | 9:30am-10:50am | MOD 2 | Darrick Lee | 3 | 17 |
| ERS | 104-1 | Electrical Mathematics | TR | 8:00am-9:30am | MOD 2 | Darrick Lee | 3 | 17 |
| ERS | 106-1 | Wind and Solar Power | MW | 9:30am-10:50am | MOD 2 | Darrick Lee | 3 | 17 |
| ERS | 115-1 | System Controls | MW | 2:00pm-3:30pm | MOD 2 | Darrick Lee | 3 | 17 |

ENGLISH/ HUMANITIES/ SOCIAL SCIENCE COURSES:

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|--------|--|-----------|-----------------|------------------|-------------------------|---------|-----|
| ENGL | 100-1 | Introduction to College Reading & Writing | MW | 2:00pm-3:15pm | MOD 15 | Alex Tallant | 3 | 17 |
| ENGL | 1110-1 | Composition I | MW | 12:30pm-1:45pm | MOD 12 | Dr. Peter Moore | 3 | 17 |
| ENGL | 1110-2 | Composition I | MW | 2:00pm-3:15pm | MOD 12 | Dr. Peter Moore | 3 | 17 |
| ENGL | 1110-3 | Composition I | TR | 9:30am-10:45am | MOD 12 | Dr. Peter Moore | 3 | 17 |
| ENGL | 1110-P | Composition I **Academic Advisor Approval | TR | 2:00pm-3:45pm | MOD 15 | Alex Tallant | 4 | 17 |
| ENGL | 1210-1 | Technical Communications | MW | 2:00pm-3:20pm | Library Lect. Rm | Brian Connolly | 3 | 17 |
| ENGL | 1410-1 | Introduction to Literature | TR | 11:00am-12:15pm | MOD 12 | Dr. Peter Moore | 3 | 17 |
| ENGL | 2210-1 | Professional & Technical Communication | MW | 3:30pm-4:50pm | Library Lect. Rm | Brian Connolly | 3 | 17 |
| ENGL | 2310-1 | Introduction to Creative Writing | MW | 9:00am-10:20am | MOD 14 | Anita Roastingear | 3 | 17 |
| ENGL | 2310-2 | Introductoin to Creative Writing | MW | 11:00am-12:20pm | MOD 14 | Anita Roastingear | 3 | 17 |
| ENGL | 2310-3 | Introduction to Creative Writing | TR | 9:00am-10:20am | MOD 14 | Anita Roastingear | 3 | 17 |
| ENGL | 301-1 | Intermediate Fiction Writing | MW | 11:00am-12:20am | Library Lect. Rm | Dr. Jennifer Wheeler | 3 | 17 |
| ENGL | 302-1 | Intermediate Poetry Writing | MW | 12:30pm-1:50pm | Library Lect. Rm | Dr. Jennifer Wheeler | 3 | 17 |
| COMM | 1130-1 | Public Speaking | MW | 9:30am-10:45am | MOD 6 | Julie Bales | 3 | 17 |
| COMM | 1130-2 | Public Speaking | TR | 2:00pm-3:15pm | MOD 6 | Julie Bales | 3 | 17 |
| COMM | 2120-1 | Interpersonal Communication | MW | 12:30pm-1:45pm | MOD 6 | Julie Bales | 3 | 17 |
| COMM | 2120-2 | Interpersonal Communication | TR | 10:00am-11:15am | MOD 6 | Julie Bales | 3 | 17 |
| FDMA | 2175-1 | International Cinema | W | 2:00pm-4:30pm | MOD 6 | Julie Bales | 3 | 17 |
| HUM | 305-1 | Film History | MW | 12:30pm-1:50pm | TECH 333 | Aanor Louis | 3 | 17 |
| HUMN | 1180-1 | History of American Indians in Media | TR | 11:00am-12:20pm | MOD 14 | Anita Roastingear | 3 | 17 |
| HUMN | 1180-2 | History of American Indians in Media | MW | 1:00pm-2:20pm | MOD 14 | Anita Roastingear | 3 | 17 |
| SSC | 100-1 | College Success Skills | T | 1:45pm-3:05pm | Library Lect. Rm | Juanita Francis | 1 | 17 |
| SSC | 100-2 | College Success Skills | R | 1:45pm-3:05pm | Library Lect. Rm | Juanita Francis | 1 | 17 |
| SSC | 100-3 | College Success Skills | F | 12:30pm-1:50pm | Library Lect. Rm | Juanita Francis | 1 | 17 |
| SSC | 100-4 | College Success Skills | R | 2:00pm-2:50pm | SUB 208 | Dr. D. Dekelaita-Mullet | 1 | 17 |

ENGINEERING COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|--|-----------|----------------|----------|------------------|---------|-----|
| ENGR | 103-1 | Introduction to Engineering | TR | 9:30am-10:50am | TECH 325 | Dr. Arup Dey | 3 | 17 |
| ENGR | 143-1 | Characteristics of Engineering Materials | F | 11:00am-2:00pm | TBD | Dr. R. Shanmugam | 3 | 17 |
| ENGR | 169-1 | Basic Statistics and Probability | MW | 12:30pm-1:50pm | TECH 325 | Dr. Arup Dey | 3 | 17 |
| ENGR | 230-1 | Advanced Engineering Graphics | TR | 9:30am-10:50am | TECH 322 | Dr. Osama Fakron | 3 | 17 |

ENVIRONMENTAL ENGINEERING COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|--------|---|-----------|-----------------|------------------|------------------------|---------|-----|
| ENVE | 2110-1 | Fundamentals of Environmental Engineering | TR | 10:30pm-11:50pm | Library Lect. Rm | Juanita Francis | 3 | 17 |
| ENVE | 338-1 | Introduction to Environmental Engineering Water Chemistry | TR | 12:15pm-1:35pm | Library Lect. Rm | Juanita Francis | 3 | 17 |
| ENVE | 403-1 | Waste & Water System Design | MW | 9:30am-10:50am | TBD | Dr. Olanrewaju Johnson | 3 | 17 |
| ENVE | 455-1 | Fate & Transport Processes in Environmental Engineering | TR | 9:30am-10:50am | TBD | Dr. Olanrewaju Johnson | 3 | 17 |
| ENVE | 472-1 | Hydrogeology | TR | 11:00am-12:20pm | TBD | Dr. Olanrewaju Johnson | 3 | 17 |

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 | 17 |
| ENVS | 1120C-1 | Environmental Science II | MWF | 9:30am-11:00am | TECH 301 | Steven Chischilly | 4 | 17 |
| ENV | 195-1 | Topics: Hazardous Waste Operations & Emergency Response | R | 3:00pm-6:00pm | TECH 301 | Steven Chischilly | 3 | 17 |
| ENV | 245-1 | Natural Resources I | TRF | 9:30am-11:00am | TECH 301 | Steven Chischilly | 4 | 17 |
| ENV | 289-1 | Natural Resources II | MWF | 9:30am-11:00am | TECH 301 | Steven Chischilly | 4 | 17 |
| ENV | 425-1 | Advanced Environmental Law | TR | 11:00am-12:30pm | TECH 301 | Dr. RoyChowdhary | 3 | 17 |
| ENV | 464-1 | Capstone | R | 1:00pm-4:00pm | TECH 301 | Dr. RoyChowdhary | 4 | 17 |
| ENV | 485-1 | Environmental Regulation Enforcement | W | 1:00pm | TECH 301 | Dr. RoyChowdhary | 3 | 17 |
| GEOL | 1120-1 | Environmental Geology | M | 12:30pm-4:30pm | TECH 301 | Dr. RoyChowdhary | 4 | 17 |
| SUST | 1134-1 | Introduction to Sustainable Studies | T | 12:30pm-4:30pm | TECH 301 | Dr. RoyChowdhary | 4 | 17 |

GEOGRAPHIC INFORMATION TECHNOLOGY COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|-----------------------------------|-----------|-----------------|----------|-----------------------|---------|-----|
| GIT | 105-1 | Fundamentals of Cartography | TR | 8:00am-9:30am | TECH 325 | Dr. Nsalambi Nkongolo | 3 | 17 |
| GIT | 110-1 | Geographic Information Systems I | MW | 9:30am-10:50am | TECH 325 | Dr. Nsalambi Nkongolo | 3 | 17 |
| GIT | 111-1 | Geographic Information Systems II | TR | 2:00pm-3:30pm | TECH 325 | Dr. Nsalambi Nkongolo | 3 | 17 |
| GIT | 202-1 | Remote Sensing | TR | 11:00am-12:30pm | TECH 325 | Dr. Nsalambi Nkongolo | 4 | 17 |
| GIT | 210-1 | Service Learning Project | F | 11:00am-12:00pm | TECH 325 | Dr. Nsalambi Nkongolo | 1 | 17 |
| GIT | 220-1 | Database Query | MW | 3:30pm-4:50pm | TECH 325 | Dr. Nsalambi Nkongolo | 3 | 17 |

HEAVY EQUIPMENT OPERATOR COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|--------|--------------------------------|-----------|---------------|-------------|---------------|---------|-----|
| HEOP | 1110-1 | Maintenance of Heavy Equipment | MTWR | 8:00am-5:00pm | CDL Trailer | Collins Woody | 3 | 17 |
| HEOP | 1115-1 | Forklift Operation | MTWR | 8:00am-5:00pm | CDL Trailer | Collins Woody | 2 | 17 |
| HEOP | 1120-1 | Backhoe Operation | MTWR | 8:00am-5:00pm | CDL Trailer | Collins Woody | 2 | 17 |
| HEOP | 1125-1 | Front End Loader Operation | MTWR | 8:00am-5:00pm | CDL Trailer | Collins Woody | 2 | 17 |
| HEOP | 1130-1 | Excavator Operation | MTWR | 8:00am-5:00pm | CDL Trailer | Collins Woody | 2 | 17 |
| HEOP | 1135-1 | Motor Grader Operation | MTWR | 8:00am-5:00pm | CDL Trailer | Collins Woody | 2 | 17 |
| HEOP | 1140-1 | Dozer Operation | MTWR | 8:00am-5:00pm | CDL Trailer | Collins Woody | 2 | 17 |

INDUSTRIAL ENGINEERING COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|--|-----------|-----------------|----------|--------------------|---------|-----|
| IE | 235-1 | Lean Production | TR | 11:00am-12:20pm | TECH 312 | Dr. Arup Dey | 3 | 17 |
| IE | 243-2 | Strength of Materials | TR | 2:00pm-3:20pm | TECH 322 | Dr. R Shanmugam | 3 | 17 |
| IE | 323-1 | Human Factors in Product Design | TR | 2:00pm-3:20pm | TECH 312 | Dr. Arup Dey | 3 | 17 |
| IE | 343-1 | Design and Manufacturing Processes II | TR | 8:00am-9:20am | TECH 322 | Dr. Monsuru Ramoni | 3 | 17 |
| IE | 363-1 | Design of Experiment | MW | 11:00am-12:20pm | TECH 322 | Dr. Monsuru Ramoni | 3 | 17 |
| IE | 424-1 | Capstone II | TR | 3:30pm-4:50pm | TECH 322 | Dr. Monsuru Ramoni | 3 | 17 |
| IE | 463-1 | Facility Planning & Material Handling | MW | 2:00pm-3:20pm | TECH 312 | Dr. Arup Dey | 3 | 17 |
| IE | 473-1 | Inventory Control & Production Planning | MW | 2:00pm-3:20pm | TECH 322 | Dr. Monsuru Ramoni | 3 | 17 |
| IE | 494-1 | Computer Simulation for Industrial Engineering | MW | 3:30pm-4:50pm | TECH 322 | Dr. Monsuru Ramoni | 3 | 17 |

INFORMATION TECHNOLOGY COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|--------|---------------------------------------|-----------|-----------------|----------|-----------------------|---------|-----|
| IT | 112-1 | Photography | TR | 9:30am-10:50am | TECH 333 | Aanor Louis | 3 | 17 |
| IT | 118-1 | Introduction to C++ | MW | 2:00pm-3:20pm | IT 116 | Sumathi Ragavanantham | 3 | 17 |
| IT | 120-1 | Operating Systems | TR | 9:30am-10:50am | IT 116 | Sumathi Ragavanantham | 3 | 17 |
| IT | 125-1 | Introduction to Digital Video | TR | 11:00am-12:30pm | TECH 333 | Aanor Louis | 3 | 17 |
| IT | 150-1 | Introduction to System Administration | MW | 9:30am-10:50am | IT 116 | Sumathi Ragavanantham | 3 | 17 |
| IT | 200-1 | Sound Design | MW | 11:00am-12:20pm | TECH 333 | Aanor Louis | 3 | 17 |
| IT | 262-1 | Internetworking | TR | 2:00pm-3:20pm | IT 116 | Sumathi Ragavanantham | 3 | 17 |
| IT | 375-1 | Javascript Core Skills | MW | 12:00pm-1:50pm | IT 116 | Sumathi Ragavanantham | 4 | 17 |
| IT | 472B-1 | Web App Development | TR | 12:00pm-1:50pm | IT 116 | Sumathi Ragavanantham | 3 | 17 |
| IT | 490B-1 | Senior Projects | MW | 9:30am-10:50am | TECH 333 | Aanor Louis | 3 | 17 |

LAW COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|--------|--|-----------|-----------------|-----------|----------------------|---------|-----|
| BUSA | 2420-1 | Tribal Law | MW | 9:00am-10:30am | Law Bldg. | Robert Yazzie, J.D | 3 | 17 |
| CJUS | 1110-1 | Introduction to Criminal Justice | MW | 10:30am-12:00pm | Law Bldg. | Robert Yazzie, J.D | 3 | 17 |
| LAW | 104-1 | Legal Research and Writing | TR | 10:00am-12:00pm | Law Bldg. | Sidner Larson, S.J.D | 3 | 17 |
| LAW | 201-1 | Consumer Law | MW | 10:00am-12:00pm | Law Bldg. | Sidner Larson, S.J.D | 3 | 17 |
| LAW | 202-1 | Procedure in Criminal Law and in Civil Cases | TR | 1:00pm-3:00pm | Law Bldg. | Sidner Larson, S.J.D | 3 | 17 |
| LAW | 203-1 | Business Law | MW | 1:00pm-3:00pm | Law Bldg. | Sidner Larson, S.J.D | 3 | 17 |
| LAW | 205-1 | Professional Responsibility & Ethics | T | 9:00am-12:00pm | Law Bldg. | Robert Yazzie, J.D | 3 | 17 |
| LAW | 221-1 | Law Adcocate Internship | T | 1:30pm-4:30pm | Law Bldg. | Robert Yazzie, J.D | 3 | 17 |
| LAW | 225-1 | Navajo Nation Bar Review | M | 1:00pm-4:00pm | Law Bldg. | Robert Yazzie, J.D | 3 | 17 |

MATHEMATICS COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|--|-------------|-----------|-------------|----------|------------|---------|-----|
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|------|--------|----------------------------|----|-----------------|---------|----------------------|---|----|
| MTH | 113-2 | Technical Mathematics | TR | 10:00am-11:20am | SUB 213 | Jose Vanguardia | 3 | 17 |
| MTH | 113L-2 | Technical Mathematics Lab | TR | 11:20-12:20pm | SUB 213 | Jose Vanguardia | 1 | 17 |
| MTH | 113-3 | Technical Mathematics | TR | 3:00pm-4:20pm | SUB 213 | Jose Vanguardia | 3 | 17 |
| MTH | 113L-3 | Technical Mathematics Lab | TR | 4:20pm-4:50pm | SUB 213 | Jose Vanguardia | 1 | 17 |
| MATH | 1215-1 | Intermediate Algebra | TR | 8:00am-9:40am | SUB 213 | Jose Vanguardia | 4 | 17 |
| MATH | 1215-2 | Intermediate Algebra | F | 8:00am-11:20am | SUB 213 | Jose Vanguardia | 4 | 17 |
| MATH | 1215-3 | Intermediate Algebra | F | 12:00-3:20pm | SUB 213 | Jose Vanguardia | 4 | 17 |
| MATH | 1215-4 | Intermediate Algebra | MW | 10:00am-11:40am | SUB 213 | Dr. Abdulmalb Hussen | 4 | 17 |
| MATH | 1220-1 | College Algebra | MW | 10:00am-11:40am | MOD 9 | Mohamed Illafe | 4 | 17 |
| MATH | 1220-2 | College Algebra | TR | 10:00am-11:40am | MOD 9 | Dr. Carlos Paez | 4 | 17 |
| MATH | 1220-3 | College Algebra | TR | 12:00pm-1:40pm | MOD 9 | Dr. Carlos Paez | 4 | 17 |
| MATH | 1230-1 | Trigonometry | MW | 2:00pm-3:40pm | MOD 9 | Mohamed Illafe | 4 | 17 |
| MATH | 1240-1 | Pre-Calculus | MW | 8:00am-9:40am | SUB 213 | Dr. Abdulmalb Hussen | 4 | 17 |
| MATH | 1350-1 | Introduction to Statistics | MW | 2:00pm-3:15pm | SUB 213 | Dr. Abdulmalb Hussen | 3 | 17 |
| MATH | 1520-1 | Calculus II | MW | 12:00pm-1:40pm | MOD 9 | Mohamed Illafe | 4 | 17 |
| MATH | 2410-1 | Differential Equation | MW | 12:00pm-1:40pm | SUB 213 | Dr. Abdulmalb Hussen | 4 | 17 |

MECHANICAL ENGINEERING COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|-----------------|-----------|---------------|----------|------------------|---------|-----|
| ME | 354-1 | Thermodynamics | MW | 2:00pm-3:20pm | TECH 322 | Dr. R. Shanmugam | 3 | 17 |
| ME | 305-1 | System Dynamics | MW | 2:00pm-3:20pm | TECH 325 | Dr. Osama Fakron | 3 | 17 |
| ME | 345-1 | Statics | MW | 8:00am-9:20am | MOD 7 | Dr. Osama Fakron | 3 | 17 |

NAVAJO COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|--------|--|-----------|-----------------|-----------|---------------|---------|-----|
| NAVA | 1110-1 | Navajo I | MW | 9:00am-10:50am | MOD 31-C1 | Sharon Nelson | 4 | 17 |
| NAVA | 1120-1 | Navajo II | TR | 9:00am-10:50am | MOD 31-C1 | Sharon Nelson | 4 | 17 |
| NAVA | 1130-1 | Beginning Navajo Reading and Writing | MW | 11:00am-12:50pm | MOD 31-C1 | Esther Yazzie | 4 | 17 |
| NAVA | 1210-1 | Navajo Cultural Arts | MW | 11:00am-12:50pm | TBD | Louis Becenti | 3 | 17 |
| NAVA | 1310-1 | Navajo Rug Weaving I | MW | 9:00am-10:20am | TBD | Louis Becenti | 3 | 17 |
| NAVA | 2130-1 | Intermediate Navajo Language - Writing | TR | 11:00am-12:50pm | MOD 31-C1 | Esther Yazzie | 4 | 17 |
| NAVA | 2210-1 | Navajo Culture | TR | 2:00pm-3:20pm | MOD 31-C1 | Sharon Nelson | 3 | 17 |
| NAVA | 2220-1 | Navajo History | MW | 9:00am-10:20am | MOD 31-C2 | Luptia Chicag | 3 | 17 |
| NAVA | 2230-1 | Navajo Government | MW | 11:00am-12:20pm | MOD 31-C2 | Luptia Chicag | 3 | 17 |
| NAVA | 2240-1 | Dine Philosophy of Education | MW | 1:00pm-2:20pm | MOD 31-C1 | Sharon Nelson | 3 | 17 |
| NAV | 210-1 | Contemporary Navajo Life & Experiences | TR | 11:30pm-12:50pm | MOD 31-C1 | Sharon Nelson | 3 | 17 |
| NAV | 212-1 | Navajo Historical Perspective | MW | 1:00pm-2:20pm | MOD 31-C2 | Luptia Chicag | 3 | 17 |
| NAV | 302-1 | Intermediate Navajo Language (Writing) | TR | 9:00pm-10:20pm | MOD 31-C1 | Esther Yazzie | 4 | 17 |

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| NAV | 421-1 | Native North American Leadership | TR | 9:00am-10:20am | TBD | Dr. Wesley Thomas | 3 | 17 |
| NAV | 431-1 | Theoretical Indigenous Leadership | TR | 10:30am-11:50am | TBD | Dr. Wesley Thomas | 3 | 17 |
| NAV | 442-1 | Contemporary Navajo Gender, Politics, & Leadership | MW | 2:00pm-3:50pm | MOD 31-C1 | Esther Yazzie | 3 | 17 |

NURSING COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|----------------------------------|-----------|----------------|----------|-----------------|---------|-----|
| NRS | 101-1 | Nursing Assistant Theory and Lab | TR | 9:30am-12:30pm | NRS 1 | Rachel Pacheco | 5 | 15 |
| NRS | 101-2 | Nursing Assistant Theory and Lab | TR | 9:30am-12:30pm | NRS 1 | Rachel Pacheco | 5 | 15 |
| NRS | 102-1 | Nurse Assisting Internship | FS | 7:00am-3:30pm | Varies | Rachel Pacheco | 1 | 15 |
| NRS | 102-2 | Nurse Assisting Internship | FS | 7:00am-3:30pm | Varies | Rachel Pacheco | 1 | 15 |
| NRS | 240-1 | Pathophysiology II | MW | 6:00pm-8:00pm | NRS 1 | LeeAnn Goodluck | 3 | 15 |

PHYSICAL/NATURAL SCIENCE COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|---------|---|-----------|-----------------|-------------|---------------------|---------|-----|
| BIOL | 1110C-1 | General Biology | MW | 9:30am-10:50am | WET LAB 109 | Dr. Irene Anyangwe | 4 | 17 |
| | | General Biology LAB | MW | 8:00am-9:20pm | | TBD | | |
| BIOL | 1320C-1 | Introduction to Human Anatomy and Physiology II | TR | 2:00pm-3:20pm | WET LAB 109 | Dr. Palmer Netongo | 4 | 17 |
| | | Introductoin to Human Anatomy and Physiology II LAB | W | 3:30pm-4:50pm | | TBD | | |
| BIOL | 2110C-1 | Principles of Biology: Cellular & Molecular Biology | TR | 9:30am-10:50am | WET LAB 109 | Dr. Irene Anyangwe | 4 | 17 |
| | | Principles of Biology: Cellular & Molecular Biology LAB | W | 8:00am-9:20pm | | TBD | | |
| BIOL | 2120C-1 | Cellular and Molecular Biology | TR | 8:30am-9:20pm | WET LAB 109 | Dr. Irene Anyangwe | 4 | 17 |
| | | Cellular and Molecular Biology LAB | MW | 3:30pm-4:50pm | | TBD | | |
| BIOL | 302-1 | Cell Biology | TR | 9:30pm-10:50pm | WET LAB 109 | Dr. Palmer Netongo | 4 | 17 |
| | | Cell Biology LAB | R | 3:30pm-4:50pm | | Dr. Palmer Netongo | | |
| BIOL | 402-1 | Biology Research Project | F | 2:00pm-5:00pm | WET LAB 109 | Dr. Irene Anyangwe | 4 | 17 |
| | | Biology Research Project LAB | | | | Dr. Palmer Netongo | | |
| BIOL | 404-1 | Bioinformatics | MW | 2:00pm-3:20pm | WET LAB 109 | Dr. Palmer Netongo | 4 | 17 |
| | | Bioinformatics LAB | T | 11:00am-12:20pm | | Harrison Cayatineto | | |
| BIOL | 411-1 | Ethnobotany | MW | 11:00am-12:20pm | WET LAB 109 | Dr. Irene Anyangwe | 4 | 17 |
| | | Ethnobotany LAB | T | 3:30pm-4:50pm | | TBD | | |
| CHEM | 1120C-1 | Introduction to Chemistry | TR | 9:30am-10:40am | WET LAB 114 | Dr. T. Soundappan | 4 | 17 |
| | | Introduction to Chemistry LAB | M | 2:00pm-4:45pm | | Melanie Herbert | | |
| CHEM | 1217C-1 | Principles of Chemistry I | MW | 9:30am-10:40am | WET LAB 114 | Dr. T. Soundappan | 4 | 17 |
| | | Principles of Chemistry I LAB | T | 2:00pm-4:40pm | | Melanie Herbert | | |
| CHEM | 1225C-1 | General Chemistry II for STEM Majors | MW | 12:30pm-1:40pm | WET LAB 114 | Dr. T. Soundappan | 4 | 17 |
| | | General Chemistry II for STEM Majors LAB | R | 2:00pm-4:40pm | | Melanie Herbert | | |
| CHEM | 2130C-1 | Organic Chemistry I | TR | 11:00am-12:20pm | WET LAB 114 | Dr. T. Soundappan | 4 | 17 |
| | | Organic Chemistry I LAB | W | 2:00pm-4:40pm | | Melanie Herbert | | |

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| CHEM | 2325C-1 | Environmental Chemistry | MW | 11:00am-12:20pm | WET LAB 114 | Dr. T. Soundappan | 4 | 17 |
| | | Enivronmental Chemistry LAB | F | 9:00am-11:30am | | Melanie Herbert | | |
| PHYS | 1115C-1 | Survey of Physics | TR | 9:30am-10:50am | TECH 305 | Dr. Abraham Meles | 4 | 17 |
| | | Survey of Physics LAB | F | 8:00am-10:50am | | Melvin Foster | | |
| PHYS | 1230C-1 | Algebra Based Physics I | TR | 12:30pm-1:50pm | TECH 305 | Dr. Abraham Meles | 4 | 17 |
| | | Algebra Based Physics LAB | F | 11:00am-1:50pm | | Melvin Foster | | |
| PHYS | 1240C-1 | Algebra Based Physics II | MW | 12:30pm-1:50pm | TECH 305 | Dr. Abraham Meles | 4 | 17 |
| | | Algebra Based Physics II LAB | M | 2:00pm-4:50pm | | Melvin Foster | | |
| PHYS | 1310C-1 | Calculus Based Physics I | TR | 2:00pm-4:50pm | TECH 305 | Dr. Abraham Meles | 4 | 17 |
| | | Calculus Based Physics I LAB | F | 2:00pm-4:50pm | | Melvin Foster | | |
| PHYS | 1320C-1 | Calculus Based Physics II | MW | 9:30pm-10:50pm | TECH 305 | Dr. Abraham Meles | 4 | 17 |
| | | Calculus Based Physics II LAB | W | 2:00pm-4:50pm | | Melvin Foster | | |

WELDING COURSES

| NUMBER | | DESCRIPTION | DAYS/WEEK | TIME PERIOD | LOCATION | INSTRUCTOR | CREDITS | CAP |
|--------|-------|-------------------------|-----------|----------------|----------|--------------------|---------|-----|
| WLD | 101-1 | Welding Fundamentals I | M | 8:00am-12:00pm | TRADES | Verna Sue Casamero | 3 | 17 |
| WLD | 101-2 | Welding Fundamentals II | R | 1:00pm-5:00pm | TRADES | Verna Sue Casamero | 3 | 17 |
| WLD | 105-1 | Pipe Welding I | W | 8:00am-12:00pm | TRADES | Verna Sue Casamero | 3 | 17 |
| WLD | 115-1 | Structural Welding | T | 8:00am-12:00pm | TRADES | Verna Sue Casamero | 3 | 17 |
| WLD | 125-1 | Structural Welding II | T | 1:00pm-5:00pm | TRADES | Christopher Storer | 3 | 17 |
| WLD | 130-1 | Welding Fundamentals II | M | 1:00pm-5:00pm | TRADES | Christopher Storer | 3 | 17 |
| WLD | 150-1 | Pipe Welding II | W | 1:00pm-5:00pm | TRADES | Christopher Storer | 3 | 17 |
| WLD | 156-1 | Welding Qualification | R | 8:00am-12:00pm | TRADES | Christopher Storer | 3 | 17 |

GRADUATE STUDIES --- DINE CULTURE LANGUAGE & LEADERSHIP COURSES

PLEASE CONTACT DR. Wafa HOZIEN AT FOR ADVISEMENT at whozien@navajotech.edu

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|-----|-------|--------------------------------------|---|---------------|-----------|-------------------|---|----|
| NAV | 551-1 | Navajo Genesis | W | 5:00pm-7:30pm | MOD 32-C1 | Dr. Franklin Sage | 3 | 17 |
| NAV | 571-1 | Navajo Government, Law, & Politics | T | 5:00pm-7:30pm | MOD 32-C1 | Dr. Franklin Sage | 3 | 17 |
| NAV | 655-1 | Navajo Identity, Gender & Personhood | M | 5:00pm-7:30pm | MOD 32-C1 | Dr. Franklin Sage | 3 | 17 |