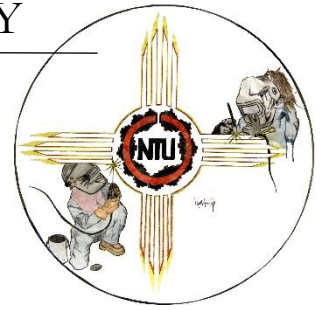




# NAVAJO TECHNICAL UNIVERSITY

SIHASIN  
DUAL CREDIT



## 2021 Summer STEM & Skills Program ONLINE Class Schedule

June 28 – July 30, 2021

<http://www.navajotech.edu/stem-and-skills-program>

### BLOCK A: 8:30 AM – 10:00 AM

Crs. Dept./No.	Course Title	Cr. Hrs.	Days	Instructor	Class Limit
ADM 101	Keyboarding and Formatting I	3	Mon-Fri	C. Reidhead	10
AUT 101	Introduction to Automotive Technology	3	Mon-Fri	S. Piechowski	10
CKG 208-1	Professional Cooking Basics	3	Mon-Fri	B. Tatsukawa	10
CT 100	Construction I	3	Mon-Fri	T. Bebo/L. Begay	10
EE 102	DC Circuits & System <i>Prerequisite: EE-101 &amp; MATH-1220</i>	3	Mon-Fri	S. Arumugam	10
MTH 113	Technical Mathematics <i>*Satisfactory Placement score 237 &amp; under, and requires Corequisite of MTH 113L</i>	4	Mon-Fri	S. Han	10
WLD 105-1	Fundamentals of Welding I	3	Mon-Fri	C. Storer/V. Casamero	10
ENGR 103	Introduction to Engineering <i>Prerequisite: MATH-1215 or higher</i>	3	Mon-Fri	R. Shanmugam	10

### BLOCK B: 10:30 AM – 12:00 PM

Crs. Dept./No.	Course Title	Cr. Hrs.	Days	Instructor	Class Limit
ADM 111	Keyboarding and Formatting II	3	Mon-Fri	C. Reidhead	10
AUT 103	Electric and Electronic Systems	4	Mon-Fri	S. Piechowski	10
BKG 209-1	Professional Baking Basics	3	Mon-Fri	W. Cloud	10
CKG 208-2	Professional Cooking Basics	3	Mon-Fri	B. Tatsukawa	10
CT 100	Construction I	3	Mon-Fri	T. Bebo/L. Begay	10
ENGR 123	Computer Skills for Engineering	3	Mon-Fri	A. Vellingiri	10
IT 105	Introduction to Programming	3	Mon-Fri	S. Ragavanantham	10
WLD 105-2	Fundamentals of Welding I	3	Mon-Fri	C. Storer/V. Casamero	10

**BLOCK C: 1:00 PM – 2:30 PM**

Crs. Dept./No.	Course Title	Cr. Hrs.	Days	Instructor	Class Limit
CUL 105	Nutrition	3	Mon-Fri	W. Cloud	10
DFT 120	Computer-Aided Drafting	3	Mon-Fri	A. Vellingiri	10
EE 101	Electrical Engineering Fundamentals <i>Prerequisite: CS-101, MATH-1215</i>	3	Mon-Fri	P. Romine/R. Rafael	10
ERS 102-1	Photovoltaic Theory and Design <i>Prerequisites: ELC-101&amp; MATH-1220</i>	3	Mon-Fri	D. Lee	10
MATH 1215	Intermediate Algebra <i>Prerequisite: A grade of C or better in MATH-113 or equivalent.</i>	4	Mon-Fri	S. Han	10
IT 150	Introduction to System Administration	3	Mon-Fri	S.Ragavanantham	10

**BLOCK D: 3:00 PM – 4:30 PM**

Crs. Dept./No.	Course Title	Cr. Hrs.	Days	Instructor	Class Limit
EE 103	Digital Circuits & Systems	3	Mon-Fri	C. Begay	10
ERS 104	Electrical Mathematics <i>Prerequisites: MTH-113</i>	3	Mon-Fri	D. Lee	10
EE 195	Intro. To Artificial Intelligence & Machine Learning	3	Mon-Fri	P. Romine/R. Rafael	
EE 201	AC Circuits & Systems <i>Prerequisite: EE-102 &amp; MATH-1230.</i>	3	Mon-Fri	S. Arumugam	10
ENGR 143	Characteristics of Engineering Materials	3	Mon-Fri	R. Shanmugam	10
IT 142	Web Design Concept	3	Mon-Fri	S. Ragavanantham	10

- The STEM & Skills Summer Program is open to high school students who will be in grades 9<sup>th</sup> – 12<sup>th</sup> in SY 2021-22, and 2020 and 2021 high school graduates.
- Students MUST have electronic device (computer, laptop, tablet, etc.). Must have internet or wifi access.
- Students may enroll up 6 credit hours (or 2 classes).
- Tuition and Fees are waived, and textbooks are covered thru a grant.
- High School students must complete the appropriate NTU Application for Enrollment and Registration Forms, and submit to Freda Joe, Dual Credit Coordinator: [fjoe@navajotech.edu](mailto:fjoe@navajotech.edu), the following with their application:
  1. Certificate of Indian Blood (CIB) or Tribal Enrollment verification – if student is Native American and an enrolled member of their tribe.
  2. Current High School Transcripts
  3. Applications must be submitted
- High School Graduates may contact Admissions Office for enrollment [kchiquito@navajotech.edu](mailto:kchiquito@navajotech.edu)

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April 26, 2021