ESTABLISHED 1979

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 *Prerequisite: EE-101 & MATH-1220*	3	Mon-Fri	S. Arumugam	10
MTH 113	Technical Mathematics **Satisfactory Placement score 237 & under, and requires Corequisite of MTH 113L*	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 *Prerequisite: MATH-1215 or higher*	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 *Prerequisite: CS-101, MATH-1215*	3	Mon-Fri	P. Romine/R. Rafael	10
ERS 102-1	Photovoltaic Theory and Design *Prerequisites: ELC-101& MATH-1220*	3	Mon-Fri	D. Lee	10
MATH 1215	Intermediate Algebra *Prerequisite: A grade of C or better in MATH-113 or equivalent.*	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 *Prerequisites: MTH-113*	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 *Prerequisite: EE-102 & MATH-1230.*	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 9th – 12th 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, 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