



SUMMER STE²M EXPERIENCE

STE²M CAMP @ TECH

- Visit and interact with faculty and explore your STEM Interests!
- Experience College courses and university life.
 - Earn College credits.
 - Hands on research and experiments in labs with world renowned professors.
- Access to all Tech's amenities and services during the camp.



\$565 Per Session

Includes all meals, housing, and enrollment. Spots limited per course, apply now!

ALGEBRA 1 PREREQUISITE REQUIRED

FIRST SESSION:
JUNE 11th-16th
2023

COURSES:
Psychology,
Biology,
Materials
Engineering,
Electrical
Engineering
Mechanical
Engineering

**SECOND
SESSION:**
JULY 9th-14th
2023

COURSES:
Chemical
Engineering,
Mineral
Engineering,
Mechanical
Engineering,
Physics,
Environmental
and Earth
Science

admission@nmt.edu

575-835-5424

COURSE CATALOGUE

Session 1

<u>Professor</u>	<u>Course</u>	<u>Description</u>
Dr. Taffeta Elliott	Psychology, Communication, and Experiential Design	Apply senses and language to navigate the environment, collaborate, and use technology.
Dr. T David Burleigh & Margaret Showalter	Materials Engineering	Metals, ceramics, polymers, and composites
Chris Pauli	Electrical Engineering	Transforming Solar power to usable electricity
Dr. Kaarin Goncz	Biology	Discovering Biology in the Field and the Lab
Dr. Curtis O'Malley	Mechanical Engineering	Rover Design and Programming
Dr. Mostofa Hassanalian	Mechanical Engineering	Drones

Session 2

<u>Professor</u>	<u>Course</u>	<u>Description</u>
Dr. Michaelann Tartis & Seth Price	Chemical Engineering	Scaling Chemical Discoveries
Dr. Navid Mojtabai	Mineral Engineering	Minerals and raw materials in industries and a fast-growing society
Dr. Sajjad Esmaeilpour	Petroleum Engineering	Introduction to the oil and gas industry, and its impacts on the world
Dr. Curtis O'Malley	Mechanical Engineering	Rover Design and Programming
Dr. Van Romero	Physics: Astronomy	Examine the scientific theories of the universe
Dr. James Harrison	Environmental & Earth Science	Geology, geochemistry, hydrology, geophysics, and environmental sciences.
Dr. Mostofa Hassanalian	Mechanical Engineering	Drones