



SOUTH DAKOTA MINES

NSTI

U.S. Department of Transportation
Federal Highway
Administration

SD
DEPARTMENT OF
TRANSPORTATION

The National Summer Transportation Institute (NSTI) is a one-week summer day camp funded by the Federal Highway Administration and administered by the South Dakota Department of Transportation. The program is designed to provide students with an opportunity to explore careers in transportation sciences. South Dakota Mines is offering two one-week sessions to increase access to this federal workforce initiative.

The focus of this program will be to emphasize the role of mathematical modeling in the design of transportation specific to land, air and water infrastructure systems. The NSTI program will comprise of field trips, classroom instruction and hands-on computer lab activities, all geared towards inspiring passion for transportation among attendees. Students will engage one on one with faculty and develop attitudes needed for success in college. Students will come away understanding the career opportunities in the transportation sector and will be encouraged to pursue college degrees that prepare them for transportation-related courses of study in their higher education pursuits.

Accepted students will not incur any costs to participate in this camp or its associated activities. Transportation to and from the camp is at the family's expense. We are following SD DOH guidelines and CDC recommendations in all our summer camp activities.

Program Details:

- Tour of Dakota Water Science Center of US Geological Survey to understand Water Inland Navigation.
- Learn about Pennington County Highway Division's Extreme Winter Weather Protocols.
- Tour of Rapid City Regional Airport to understand Airport Operations and Ground Handling.
- Academic enhancement activities focused on evidence-based practices to learn and approach math concepts.
- Recreational activities emphasizing Team Building, Leadership and Communication.
- Seminar on college preparation and understanding college admission process.
- All are welcome to apply, particularly underserved students.

SESSION 1

June 20-24, 2022

SESSION 2

July 25-29, 2022

→ **NO COST TO PARTICIPATE**

→ **Now accepting High school and Middle school students**

Application can be submitted at

→ **sdsmt.edu/NSTI**

*** Be sure to provide a valid email ***

We will be contacting students/parents via email regarding their application status. Any other information will be provided via email as well.

→ **Admission Requirements:**

- Good academic standing (2.0 or better)
- High school students (8th grade to 12th grade)
- Middle school students (5th grade to 7th grade)

→ **If you have questions, please contact:**

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