

**Middle Tennessee State University
Department of Engineering & Technology
2025 National Summer Transportation
Institute (NSTI)
Pre-College Summer Program**



4-week, residential, no cost, weekdays July 7~ Aug 1, lodging and meals provided

The objective of NSTI is to provide high school students with awareness of transportation careers, enhance STEM skills and encourage students to consider a transportation-related major. Program administered by the Tennessee Department of Transportation (TDOT) and funded by the Federal Highway Administration at no cost to participants.

NSTI Program Curriculum:

The MTSU program will be hosted on MTSU campus with faculty and MTSU students led activities, involving autonomous vehicles, drones, application of computer vision in transportation, traffic network simulation, and more. Participants will learn transportation related career opportunities from invited talks given by transportation professionals and field trips to nearby transportation agencies and museums.

Application Package Requirements:

1. Online application form
2. A copy of your official transcript
3. One letter of recommendation from a school counselor
4. One letter of recommendation from a STEM (computer science, mathematics, pre-engineering or science) teacher
5. One (1) page typed essay describing the student's interest in STEM and more specifically, in engineering and transportation.

Questions can be directed to the Program Director:
Dr. Lei Miao at Lei.Miao@mtsu.edu.

To apply online, go to <https://tinyurl.com/c8vz9m4r>
or scan the QR code.



Applications accepted until all spots are filled. Start review date: March 16, 2025.