Application Information

Please call (336) 334-7745 for more information.

Send completed application packets to:

Teresa McRae, Program Director
N.C. A&T State University
Transportation Institute
College of Business and Economics
402B Craig Hall
Greensboro, NC 27411

Phone: 336-334-7745
Fax: 336-334-7093

STI Sponsors

The Federal Highway Administration

The North Carolina Department of Transportation

CATM
Center for Advanced Transportation Mobility

N.C. A&T State University
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College of Business and Economics
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Summer High School Transportation Institute

June 25 - July 31, 2020
The Summer High School Transportation Institute’s (STI) primary goal is to generate awareness among high school students about the wide array of educational paths and attractive career opportunities available in the transportation industry.

Currently, the demand for individuals with managerial, technical and STEM (science, technology, engineering and mathematics) skills far exceeds the supply in the transportation field. As a result, the U.S. Department of Transportation, the North Carolina Department of Transportation and the North Carolina Agricultural and Technical State University Transportation Institute have made recruiting the brightest young people into the field a priority to help build a strong foundation for the future transportation industry workforce.

The STI introduces students to:
- Career opportunities in the public and private sectors of transportation and supply chain management;
- Specific industries and modes of transportation, encompassing air, highway, rail, transit and water;
- How a STEM skill set is essential in transportation fields.

Learning includes classroom lectures, field trips, group projects, SAT prep, personal development, Toastmasters and a college English course for credit. STI students are awarded a weekly stipend and certificate of completion.

Riding a virtual reality simulator bike at the Turner Fairbanks Highway Research Center in McLean, Virginia.

The 2019 STI class at the Highway 73 construction site in Greensboro, North Carolina.

Taking the pilot’s seat at Smith-Reynolds Airport.

Inspecting a robot at the Duke University Humans and Autonomy Lab.

Program Objectives

Benefits and Activities

Program Requirements

To qualify for the STI program, a student must meet the following:

- Be a rising high school junior or senior at the end of the current academic school year.
- Have a minimum grade point average of 2.5 on a 4.0 scale.
- Submit a typed 250 word essay detailing their interest in attending and how they feel the STI will assist them in advancing in their education and career goals.
- Be committed to attend every day of the five and a half week, non-residential program held at the College of Business and Economics on the campus of N.C. A&T State University in Greensboro, N.C.