The NSTI Scholars Program

The NSTI Scholars Program is supported by the US Department of Transportation, Arizona Department of Transportation, and the Ira A. Fulton Schools of Engineering.

What
A 9-month program to explore transportation engineering and the different types of engineers from aerospace to software who design, plan, and maintain transportation systems in Arizona.

- earn ASU college credit for MAT 170 Pre-Calculus
- have the opportunity to complete workforce and safety training certifications
- prepare for a university experience, learn about financial aid and the college application process
- complete a transportation engineering career and education pathway experience, complete a capstone project

Who
Must be an Arizona resident entering grade 11 or 12 in Fall 2020
Must have a minimum unweighted GPA of 2.5 at the time of application
Be proficient in College Algebra and become ready to enroll in Pre-Calculus by August 2020

Cost
Free! Must be a motivated student who is eager to earn Pre-Calculus for ASU College Credit via an online course, be willing to explore transportation engineering careers, and apply to ASU for admission prior to high school graduation.

Apply by July 15, 2020

Experience #1 Summer 2020
Demonstrate proficiency in College Algebra to qualify for enrollment in Pre-Calculus
- Access provided to knowledge test by July 24
- Pass knowledge test with 80% or higher by August 2

Experience #2 Fall 2020
Earn MAT 170 ASU Pre-Calculus for College Credit:
- Attend orientation with parents/guardians
- Enroll in online MAT 170 course by August 18
- Complete MAT 170 by December 1
- Engage in online workshops with parents and guardians on topics such as college readiness, financial aid, completing the college application process

Experience #3 Spring 2021
Explore Transportation Engineering:
- Complete a mix of in-person and online programming depending on COVID-19 to explore various transportation engineering related careers and education pathways
- Complete a capstone project
- Option to participate in workforce development training such as OSHA 10 and Flagger certification

* Specific dates will be released in Fall 2020.