

2024 NATIONAL SUMMER TRANSPORTATION INSTITUTE

FREE

**JUNE
3-14**

@ NSU BROKEN ARROW

Students entering grades 9-12 with a 2.5 GPA or higher are encouraged to apply. Space is limited to 15 students!



Join us for the National Summer Transportation Institute, a two-week academic adventure for high school students focusing on the United States transportation system. Explore air, rail, highway, and water transportation through hands-on field activities and labs, including virtual reality experiences, driving simulators, Lock & Dam visits, and tours of the Port of Catoosa and Port of Muskogee. From flying frisbees to building drones, dive into immersive learning experiences. Space is limited to 15 students, so apply now! Visit the link or scan the QR code for the schedule and application details. Don't miss this thrilling opportunity to ignite your passion for transportation innovation!

Transportation is also available to and from the NSU Tahlequah campus each day. All meals and expenses are included at no cost. Broken Arrow High School students also receive high school credit for career exploration!

LEARN

MORE

<https://bit.ly/NSU-NSTI>



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Week 1				
Monday, June 3rd	Tuesday, June 4th	Wednesday, June 5th	Thursday, June 6th	Friday, June 7th
Intro to US Transportation System	Roadway Transportation	Air Transportation	Water Transportation	STEM Transportation
Welcome at NSU Broken Arrow	Areodynamics of Flying a Frisbee at NSU Broken Arrow	Oklahoma Highway Patrol - ENDUI at NSU Broken Arrow (9:30 AM - 11:00 AM)	Port Muskogee (9:00 AM - 12:30 PM)	Port of Catoosa (9:00 AM - 12:00 PM)
Team Building Activity - Time Bomb Name Game at NSU Broken Arrow	Motorized Paper Airplane Competition at NSU Broken Arrow			
Lunch at NSU Broken Arrow	Lunch at NSU Broken Arrow	Lunch at Tulsa Tech	Lunch at Port Muskogee	Lunch at Port of Catoosa
Team Building Activity - Toilet Paper at NSU Broken Arrow	Tulsa Tech (Riverside) Aviation Generals (12:30 PM - 1:30 PM)	Tulsa Tech (BA) Truck Driving Simulator (12:30 PM - 1:30 PM)	Robert S Kerr Locke and Dam 15 at Sallisaw, OK (1:30 PM - 3:30 PM)	Boat Building with Weights at NSU Broken Arrow
Team Building Activity - Surviving Against the Odds at NSU Broken Arrow	Team Building Activity - Blackout Bingo from Toilet Paper	Crash Course STEM Activity		Bridge Building at NSU Broken Arrow
Week 2				
Monday, June 10th	Tuesday, June 11th	Wednesday, June 12th	Thursday, June 13th	Friday, June 14th
Logistics & Transportation	Transportation Safety	Rail Transportation	Future of Transportation	Future of Transportation
Week 1 - Summary and Reflection at NSU Broken Arrow	Tulsa Air and Space Museum Planetarium (10:00 AM - 12:30 PM)	Virtual Reality Experience and Gaming at NSU Tahlequah	Drone Building at NSU Broken Arrow	Drone Kit Construction at NSU Broken Arrow
ACT Prep at NSU Broken Arrow	Lunch at Tulsa Air and Space Musuem Planetarium	Lunch at NSU Tahlequah	Lunch at NSU Broken Arrow	Lunch at NSU Broken Arrow
Lunch at NSU Broken Arrow	United States Postal Service - Distribution Center	Campus Tour at NSU Tahlequah	Drone Building at NSU Broken Arrow	Drone Test Flights and Competition at NSU Broken Arrow
Bridge Building Competition at NSU Broken Arrow		NSU Tahlequah Career Services (1:00 PM - 2:00 PM)		Program Summary and Reflection (Course Evaluation)