



Rough Rider Roundup

Transportation, Distribution and Logistics

Endorsement

Business and Industry

Overview

The Introduction to Transportation Technology course is designed to explore the automobile, alternate forms of transportation, and the infrastructure of transportation. Models, simulations, and computer aided design (CAD) will be used to investigate transportation in various forms of transportation. Much of the course will be project-based investigations. Students will complete the 10-hour OSHA certification. The Introduction to Transportation Technology course serves as the prerequisite for the following to advanced level courses: Aircraft at TCC and Automotive at HCTC.

Pathway for Aircraft Maintenance

Student following the Aircraft Maintenance Program of Study will be preparing and learning skills for a career in the repair, maintenance, and diagnosis of motor vehicles through hands-on experiences and work-based learning. The introductory course begins the academic pathway and students will have met the prerequisite to continue their studies in Aircraft Maintenance courses held at the TCC Alliance campus.

Eleventh grade – Intro to Aircraft Technology

Twelfth grade – Aircraft Powerplant Technology

Pathway for Automotive

Student following the Automotive Program of Study will be preparing and learning skills for a career in the repair, maintenance, and diagnosis of motor vehicles through hands-on experiences and work-based learning. Students that begin their academic pathway with Introduction to Transportation Technology will have met the prerequisite to continue their studies in Automotive at HCTC.

Tenth or Eleventh grade – Auto Tech 1

Eleventh or Twelfth grade – Auto Tech 2

Twelfth grade – Practicum of Automotive

Program of Study Information

Additional information for other course details beyond the prerequisite course, Introduction to Transportation Technology, can be found on the course guides.

[Aircraft Maintenance](#)

[Automotive](#)