

Transportation Technology II

Transportation Technology II is a 12 week course for students who have completed Trans Tech I and are considering a career related to automotive repair.

Standard 1: Understand the “Soft Skills” that industry expects.

Benchmarks

1. Demonstrate reliability by attending class on a regular basis.
2. Demonstrate work ethic through the planning and completion of assignments and labs.
3. Demonstrate teamwork by planning and working with other students to complete lab activities.

Standard 2: Understand and apply safe practices in an automotive facility.

Benchmarks

1. Attend instruction in the safe practices in an automotive facility
2. Complete a written test for all of the machines and processes found in an automotive facility

Standard 3: Understand how diagnose electrical problems on today’s cars

Benchmarks

1. Demonstrate ability to find information on a shop computer system, ie. Alldata
2. Demonstrate knowledge of common automotive scanner systems.
3. Demonstrate knowledge of basic electrical multimeter.

Standard 4: Understand the basics of how the automobile computer system works

Benchmarks

1. Discuss the process by which a computer acquires information and affects change in the automobile
2. Identify and demonstrate understanding of common computer sensors.

Standard 4: Understand the electrical system of today’s automobile

Benchmarks

1. Read wiring diagrams and trace common circuits in an automobile
2. Affect acceptable repairs to electrical systems.

Standard 5: Understand how to prepare for a career

Benchmarks

1. Be able to discuss pros and cons of various automotive career preparation pathways including cost, time, type of certification, etc.
2. Understand the costs of various career preparation pathways.