



# Automotive Technology I & II

(Hampton Campus) Course #8506/8507

Two-Year Program

College  
Credit  
Available

**AUTOMOTIVE TECHNOLOGY**

## If You Like:

- Tearing down, repairing, rebuilding vehicle engine & assemblies
- Repairing and servicing AC, heating, and electrical systems
- Using mechanical tool, instruments, and computerized diagnostic devices
- Troubleshooting and problem solving

..... Then this is the program for you!

### About the program:

- Currently over 750,000 automotive technicians in the US
- Growing need for qualified technicians provides strong employment opportunities
- Students can earn 17 dual enrollment credits w/ TNCC
- Summer mentorship opportunities provides paying jobs, real world experience, and a good learning environment that can lead into careers after graduation

### Topics of study:

- Engine Repair
- Automatic transmissions & transaxles
- Manual drive train & axles
- Suspension & steering
- Brakes
- Electrical/electronic systems
- Heating & Air Conditioning
- Engine performance
- Auto maintenance & light repair

### Credentials:

- Automotive Youth Educational Systems (AYES)
- Automotive Service Excellence (ASE) Student Certifications

### Important to Note:

Students should be reading on a 10<sup>th</sup> grade level and have a GPA of 2.6 if seeking dual enrollment credit for this program.

### Entry Employment:

- Automotive Technician (\$25,000 - \$56,000)
- Aviation Mechanic (\$20,000 - \$51,000)
- NASCAR Mechanic (\$45,000 - \$65,000)

### Pathways:

- Master Technician (\$34,000-\$77,000)
- Service Manager (\$34,000 - \$121,000)
- Independent Shop Owner (\$71,000 - \$131,000)