

COLLEGE TECH PREP

Automotive Technologies

Students develop practical experience in basic diagnostic and troubleshooting skills while becoming proficient in repair and maintenance of a car's mechanical and electrical systems. Students may be required to purchase a tool kit to be used during the course and upon entry into the job market. Completers are now working as technicians at car dealerships, service centers and automotive specialty shops.

Skills necessary for success

- Responsible team player
- Mechanical aptitude
- Written and verbal communication
- Ability to follow multi-part directions and complete complicated tasks
- Patience to follow through on assignments
- High tech problem-solver
- Cooperative attitude
- Disciplined self-starter
- Good manual dexterity
- Accurate and methodical

Professional pathway

- Automotive service technicians at car dealerships, service centers and automotive specialty shops
- Tune-up technician
- Electrical systems technician
- Front-end technician
- Brake specialist
- Diagnostician
- Field service technician

Recommendations

- Excellent attendance record
- Minimum 2.5 GPA

Career interests/helpful background

- Experience working with automobiles
- Knowledge of computer software and keyboarding skills

Industry credentials

- NATEF certification
- ASE certified instructors

Higher education opportunities

- College credits available. See page 32.
- Associate's degree
- Bachelor's degree



Courses

**Level I: Ground Transportation – first semester
Automotive Engine Performance – second semester**

**Level II: Automotive Braking, Suspension and Steering Systems – first semester
Ground Transportation Electrical Electronics – second semester**

**GRADE LEVEL: 10, 11, 12
LENGTH: Two years
SCHOOL: Cuyahoga Falls, Hudson**

CREDIT:
Cuyahoga Falls:
**Level I: Automotive 3
Level II: Automotive 3**

Hudson:
**Level I: Science 1; Automotive 2.
Level II: Math 1; Automotive 2.**

DUAL ENROLLMENT:
**Level I: 6 hours
Level II: 8 hours**
Potentially, students can earn 14 hours towards an Automotive Technology Associate of Applied Science degree at Stark State College.