

AUTOMOTIVE TECHNOLOGY

Program Description

The Automotive Technology Program provides fundamental knowledge, skills and training necessary for entry-level employment or career advancement as an automotive technician.

Electronics and computerization are emphasized to meet the changing demands of the automotive industry. Award options include an Associate of Applied Science degree and five certificates (Basic Engine & Electrical Repair, Transmission & Drive Line, Suspension & Alignment, Tune-up and Automotive Technology).

Program Objectives

- Have knowledge of hazards and related safety practices associated with the auto mechanics field.
- Perform tasks related to entry level employment in auto mechanics.
- Demonstrate an understanding of personal and work characteristics that contribute to an effective job performance.
- Use effective communication skills appropriate to the auto mechanics field.
- Apply the theory of auto mechanics to specific jobs using critical thinking/reasoning skills and the ability to work independently.
- Use mathematical data and reasoning skills in relation to auto mechanics.

Career Opportunities

A variety of employment opportunities include automotive dealerships, independent repair shops, specialty repair shops, automotive sales, factory representative, or private ownership of a repair business.

Recommended General Education

Electives

Code	Title	Credit Hours
BSAD 1100	Personal Finance	3.0
ENGL 1040	Basic Technical Communications	3.0
SPCH 1090	Fund of Human Communication	3.0

Appropriate Business or Computer Course

Appropriate Math Course

Associate of Applied Science Degree

- Automotive Technology, AAS (<https://catalog.mpcc.edu/course-catalog/programs/automotive-technology/automotive-technology-aas/>)

Diplomas

- Automotive Technology Diploma (<https://catalog.mpcc.edu/course-catalog/programs/automotive-technology/automotive-technology-diploma/>)
- Customization & Restoration Diploma (<https://catalog.mpcc.edu/course-catalog/programs/automotive-technology/customization-restoration-diploma/>)

Certificates

- Automotive Technology Certificate (<https://catalog.mpcc.edu/course-catalog/programs/automotive-technology/automotive-technology-certificate/>)
- Automotive Chassis Certificate (<https://catalog.mpcc.edu/course-catalog/programs/automotive-technology/automotive-chassis-certificate/>)
- Basic Engine & Electrical Repair Certificate (<https://catalog.mpcc.edu/course-catalog/programs/automotive-technology/basic-engine-electrical-repair-certificate/>)
- Electronics & Drivability Certificate (<https://catalog.mpcc.edu/course-catalog/programs/automotive-technology/electronics-drivability/>)