Automotive Technology
Associate in Applied Science Degree

The Automotive Technology program introduces students to current automotive systems and related diagnostic and service techniques. Students learn on and about current automotive technology and its use in late model production vehicles. Learning occurs during classroom instruction and lab activities performed in the auto shop. In addition, students develop a strong work ethic and learn professionalism while fulfilling internship requirements at their sponsoring repair facility.

The A.A.S. program offers two paths of study that students may choose from: MOPAR CAP (Career Automotive Program) and Comprehensive.

MCAP students complete FIAT/Chrysler-specific course material and secure a position at a Chrysler, Dodge, Jeep, or FIAT dealership as an apprentice technician.

Students following the Comprehensive path learn theory, operation, diagnosis, and service of systems not specific to any particular vehicle manufacturer, and complete internship requirements at an approved independent, franchise, or dealership repair facility.

PROGRAM OUTCOMES

- Diagnose, repair, and service current automotive technologies;
- Demonstrate desirable attitudes and work habits while working individually or with others;
- Obtain service repair information and procedures from online websites and electronic databases;
- Communicate effectively and professionally with customers and fellow technicians.

Admission to the program requires a high school diploma or its equivalent and a strong interest in a career in automotive technology. Admission is competitive, determined by basic skill levels along with a personal interview with program representatives. Academic foundations requirements should be completed before starting automotive classes.

The program may be completed in two years, beginning in the Fall semester and with Summer session attendance required each year. Instruction is organized in a concentrated two-day / three-day session format. Students attend the automotive classes Mondays and Wednesdays or Tuesdays and Thursdays, completing academic support classes in the afternoon or evening. Each session includes an internship at a dealership or approved repair facility.

The automotive classes meet at the Assunpink Campus of the Mercer County Technical Schools, across from MCCC’s West Windsor campus on Old Trenton Road.

NOTE: Electives should be selected in consultation with an academic advisor in order to assure maximum transfer of credits.

1 Or higher-level mathematics course.
2 Select course from either Social Science or Humanities general education categories.
3 Select course from the following general education categories: Social Science, Humanities, Historical Perspective, Diversity and Global Perspective.
4 Some exemptions apply. Consult academic advisor for details.