

## AUTOMOTIVE TECHNOLOGY

MPC's Automotive Technology Program is designed to prepare students for entry-level positions in automotive dealerships, independent repair facilities, customizing shops and other auto-related industries. The program also offers technical training for automotive professionals who seek to upgrade their technical skills and knowledge.

**Learning Outcomes:** Upon successful completion of the program, students will be able to:

- Demonstrate the necessary skills and work habits for entry-level employment and advancement in trades associated with automotive maintenance and repair.

### Certificate of Achievement (Career Technical)

Certificate Requirements	Units
<b>REQUIRED CORE:</b>	<b>31</b>
AUTO 100 Introduction to Automotive Technology (4)	
AUTO 101 Engine Repair (4)	
AUTO 102 Basic Auto Electricity and Electronics (4)	
AUTO 103 Engine Performance (5)	
AUTO 104 Automotive Electrics (4.5)	
AUTO 106 Auto Brake Systems and Safety Inspection (4)	
AUTO 111 Automotive Steering and Suspension (4)	
AUTO 161 Supervised Auto Trade Experience I (1.5)	
or COOP 91.4 Auto Technology Work Experience (1.5)	
<b>Select two courses from the following:</b>	<b>6.5-8</b>
AUTO 107 Automatic Transmissions and Transaxle (4)	
AUTO 108 Manual Transmissions and Drivetrains (4)	
AUTO 109 Automotive Heating and Air Conditioning (4)	
AUTO 170 Smog Check Inspection Procedures (2.5)	
<b>TOTAL CERTIFICATE UNITS</b>	<b>37.5-39</b>

### Associate in Science Degree (Career Technical)

Associate Degree Major Requirements	Units
<b>Certificate Requirements (as described above)</b>	<b>37.5-39</b>
<i>Complete Competency Requirements and MPC General Education Pattern for a total of 60 degree-applicable units (see pages 72-73, 76 in the 2017-18 MPC Catalog).</i>	
<b>TOTAL DEGREE UNITS</b>	<b>60</b>