

# AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR, CERTIFICATE OF ACHIEVEMENT

This program provides students with the skills and knowledge required to obtain an entry-level position as a technician in the automotive service and repair industry.

## Learning Outcomes

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

- Perform routine maintenance on a modern vehicle at the professional level.
- Perform basic service and repairs on modern automotive braking systems.
- Perform basic service and repairs on modern automotive steering and suspension systems.
- Develop professional work habits that promote a safe, productive and environmentally conscious work environment.
- Identify professional habits and apply these to promote themselves and the quality of their work.

## Certificate of Achievement Requirements

Code	Title	Units
<b>Required Core</b>		
AUTO 100	Introduction to Automotive Technology	4
AUTO 102	Basic Automotive Electricity and Electronics	4
AUTO 106	Automotive Brake Systems and Safety Inspection	4
AUTO 111	Automotive Steering and Suspension	4
AUTO 162	Heating, Ventilation, and Air Conditioning Trade Experience	2
or COOP 99	Career-Focused Work Experience	
<b>Total Units</b>		<b>18</b>

**Note:** COOP 99 may be offered for 0.5-4.0 units. 2.0 Units of COOP 99 are required to satisfy the work experience certificate requirement.

Please refer to the graduation requirements section of the Catalog for information about degree and certificate requirements including Reading and Writing, Mathematics, Information Competency, and General Education requirements.

The model sequence of coursework below is one pathway for students to complete the program. The information below is not an official educational plan. An MPC Counselor can assist you with creating a personalized education plan based on your academic, career, and personal goals. Visit MPC's Counseling website for more information about Counseling and up-to-date program requirements.

## Suggested Course Sequence

<b>Year 1</b>		
<b>Fall</b>		<b>Units</b>
AUTO 100	Introduction to Automotive Technology	4
AUTO 102	Basic Automotive Electricity and Electronics	4
AUTO 162 or COOP 99	Heating, Ventilation, and Air Conditioning Trade Experience or Career-Focused Work Experience	2
<b>Units</b>		<b>10</b>
<b>Spring</b>		
AUTO 106	Automotive Brake Systems and Safety Inspection	4
AUTO 111	Automotive Steering and Suspension	4
<b>Units</b>		<b>8</b>
<b>Total Units</b>		<b>18</b>

MPC "Ready to Work" Career Education programs offer students the opportunity to gain knowledge and skills needed for employment and job advancement.

All students should consult with a Counselor to discuss career pathways, for support with career exploration and planning, and to create a personalized education plan to help them meet their academic, career, and personal goals. Visit MPC's Counseling website for more information about Counseling services provided by MPC and to connect with a Counselor.

Additional resources are available through MPC's Career & Transfer Resource Center (CTRC). The CTRC offers career resources, workshops, guidance and referrals. Visit the CTRC for support finding online career information and other resources to explore majors, occupations, and employment information.