

# Certificate, Specialty Certificate, and Specialty Credential Programs

## Certificate in Automotive Technology

### Program Overview

Upon completion of this certificate, students will have experience in diagnosing and fixing many common automotive problems.

### To Learn More About This Program

Contact Jeff Robson at 269-783-2967 or [jrobson01@swmich.edu](mailto:jrobson01@swmich.edu) or Kyle Schrock at 269-783-2123 or [kschrock@swmich.edu](mailto:kschrock@swmich.edu).

### Certificate Requirements

To earn this certificate, students must have an overall GPA of 2.0 or higher, fulfill the course requirements of the program listed below, and complete a minimum of 21 credit hours. Each prerequisite course must be completed with a minimum grade of C.

### Course Offerings

Courses within this program are offered on-site at our Dowagiac campus.

### Certificate Courses

Course ID	Course	Credits
AUTO 103	Intro to Automotive Technology	3 credits
AUTO 113	Trade Mathematics-Automotive	3 credits
AUTO 116	Brake Systems	3 credits
AUTO 119	Electrical I	3 credits
AUTO 122	Steering Suspension Systems	3 credits
AUTO 147	Engine Repair 1	3 credits
AUTO 216	Heating and Air Conditioning	3 credits
AUTO 222	Electrical 2	3 credits
AUTO 227	Engine Performance 1	3 credits

Total Program Credits: 27

## Additional Notes About the Certificate in Automotive Technology Program

- A prerequisite course may be needed prior to enrollment in some courses within this program. Specific prerequisite requirements are listed in the Course Description section in the Course Catalog. A summary of the prerequisites is listed below in the Example Course Sequence.
- Courses taken out of sequence may delay a student's ability to complete the program in a timely manner. Please consult your advisor regularly.
- Students in this certificate program routinely continue into the A.A.S. in Automotive Technology program.
- Students in the A.A.S. in Automotive Technology program complete this certificate automatically as a condition of fulfilling their A.A.S. degree.
- Each student should submit a graduation application at least one full semester before they plan to graduate.
- This program is subject to change. Students should consult with their advisor for program updates.

## Example Course Sequence

The following is a sample of a semester-by-semester approach to completing this program.

### FIRST SEMESTER

Courses	Credits	Prerequisites (Minimum Grade of C Required)
AUTO 103 Intro to Automotive Technology	3 credits	None
AUTO 116 Brake Systems	3 credits	None
AUTO 119 Electrical 1	3 credits	None
AUTO 122 Steering and Suspension Systems	3 credits	None

### SECOND SEMESTER

Courses	Credits	Prerequisites (Minimum Grade of C Required)
AUTO 113 Trade Mathematics–Automotive	3 credits	Test score
AUTO 147 Engine Repair 1	3 credits	AUTO 103
AUTO 216 Heating and Air Conditioning	3 credits	AUTO 103
AUTO 222 Electrical 2	3 credits	AUTO 103 and AUTO 119
AUTO 227 Engine Performance 1	3 credits	AUTO 103 and AUTO 119