

Certificate and 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 or Kyle Schrock at 269-783-2123 or 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	None
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