

Automotive Master Technician Certificate

Why Automotive Master Technician?

With state regulations, certification of auto technicians is required by law. The Automotive Master Technician certificate program takes two years to complete and emphasizes the development of skills in service, repair, and diagnostic procedures. This program provides an opportunity for students to prepare themselves for technician certification exams in all 8 areas. This program curriculum is also certified by the National Automotive Technicians Education Foundation (NATEF) at the Master Level.

Why Bay College?

The [Automotive Master Technician certificate program](#) at Bay College is designed for the automotive student that wishes to become Master Certified in all eight auto areas. Year by year, as automotive systems become more sophisticated, there is an increasing demand for trained technicians who have the knowledge and skills to service the ever changing and improved products. Therefore, this certificate prepares the successful graduate for various jobs in the automotive service field, including: Dealership service technician, assistant or parts department manager, and a variety of skilled jobs in automotive manufacturing. By obtaining this certificate in all 8 areas, it will make you more marketable in the automotive industry.

Career Opportunities

An Automotive Master Technician certificate opens the door to many careers in a diverse and growing field. Students can go on to be many things, such as:

- **Dealership Service Technician**
- **Automotive Manufacturing**
- **Parts Department Manager**

Contact

Bay College
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Escanaba, MI 49829

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Iron Mountain, MI 49801

Office of Admissions
906-217-4010
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baycollege.edu

Automotive Master Technician, Certificate

Award Granted Upon Completion: Certificate in Automotive Master Technician
Credits/Contacts Required: 53/80

Major code: 04/407
CIP Code: 470604

Certificate Requirements (54 Credits)

Course #	Course Name	Cr
AUTO 100	Automotive Engines	5
AUTO 110	Automotive Brakes	5
AUTO 120	Automotive Electrical I	5
AUTO 130	Automotive Standard Transmissions & Power Trains	4
AUTO 140	Automotive Engine Performance I	5
AUTO 150	Automotive Suspension & Steering	5
AUTO 200	Automotive Engine Performance II	5
AUTO 220	Automotive Electrical II	5
AUTO 230	Automatic Transmissions	5
AUTO 270	Automotive HVAC Systems	3
AUTO 272	Automotive Service Co-op	6*

Suggested Sequences Per Semester

First Semester

Course #	Course Name	Cr/Ct
AUTO 110	Automotive Brakes	5
AUTO 120	Automotive Electrical I	5
AUTO 140	Automotive Engine Performance I	5

First Semester Total - Credit(s): 15 | Contacts: 24

Second Semester

Course #	Course Name	Cr/Ct
AUTO 150	Automotive Suspension & Steering	5
AUTO 200	Automotive Engine Performance II	5
AUTO 220	Automotive Electrical II	5

Second Semester Total - Credit(s): 15 | Contacts: 24

Third Semester

Course #	Course Name	Cr/Ct
AUTO 100	Automotive Engines	5
AUTO 130	Automotive Standard Transmissions & Power Trains	4
AUTO 272	Automotive Service Co-op	6

Third Semester Total - Credits: 15 | Contacts: 20

Fourth Semester

Course #	Course Name	Cr/Ct
AUTO 230	Automatic Transmissions	5
AUTO 270	Automotive HVAC Systems	3

Fourth Semester Total - Credit(s): 8 | Contacts: 12

Note(s)

This certificate is designed for the Automotive Student that wishes to become Master Certified in all 8 Auto Areas.

*Automotive Service Co-op will be articulated upon completing 2 years of ISD Automotive Studies and meeting the attendance and achievement standards.

Equipment: Students are required to provide their own safety equipment, work clothes and basic hand tool set. A list is provided. Estimated cost is between \$1,000 and \$2,500. Special student discounts are available. A quality set of hand tools is required by the second week of the semester for each course of the program, the co-op program and future employability. NOTE: A valid driver's license is required for co-op.

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