

Automotive Master Technician

2018-2019 Catalog

Award Granted Upon Completion: Certificate in Automotive Master Technician

Credits/Contacts Required: 53/80

Major code: 04/410

CIP Code: 470604

Description

This certificate program which takes two years to complete, emphasizes the development of skills in service, repair and diagnostic procedures. With state regulations, certification of auto technicians is required by law. The program provides an opportunity for students to prepare themselves for technician certification exams in all 8 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. By working with an academic advisor, a successful Automotive Master Technician graduate can go on to earn an associate's degree.

General Education Requirements – None

Requirements –54 credits

	<u>Cr</u>
AUTO-100 Engine Repair	5
AUTO-110 Automotive Brakes	5
AUTO-120 Automotive Electrical I	5
AUTO-130 Auto Manual Drive Trans & Axles	4
AUTO-140 Auto Engine Performance I	5
AUTO-150 Auto Suspension and Steering	5
AUTO-200 Auto Engine Performance II	5
AUTO-220 Automotive Electrical II	5
AUTO-230 Automatic Transmissions	5
AUTO-270 HVAC Systems	3
AUTO-272 Automotive Service Co-op*	6

Notes:

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.

This program curriculum is also certified by the National Automotive Technicians Education Foundation (NATEF) at the Master Level.

Suggested Sequences Per Semester

	<u>Cr / Ct</u>
First Semester	
AUTO-110 Automotive Brakes	5/8
AUTO-120 Automotive Electrical I	5/8
AUTO-140 Auto Engine Performance I	5/8
	<u>15/24</u>
Second Semester	
AUTO-150 Auto Suspension and Steering	5/8
AUTO-200 Auto Engine Performance II	5/8
AUTO-220 Automotive Electrical II	5/8
	<u>15/24</u>
Third Semester	
AUTO-100 Engine Repair	5/8
AUTO-130 Auto Manual Drive Train & Axles	4/6
AUTO-272 Automotive Service Co-op	6/6
	<u>15/20</u>
Fourth Semester	
AUTO-230 Automatic Transmissions	5/8
AUTO-270 HVAC Systems	3/4
	<u>8/12</u>


Bay De Noc Community College

Undergraduate certificate in Automotive Master Technician Certificate

Program Length: 12 months

[Print](#)

Students graduating on time

N/A* of Title IV students complete the program within 12 months 

*Fewer than 10 students enrolled in this program. This number has been withheld to preserve the confidentiality of the students.

Program Costs*

\$10,704 for in-state tuition and fees

\$21,184 for out-of-state tuition and fees

\$1,200 for books and supplies

Other Costs


Visit website for more program cost information

*The amounts shown above include costs for the entire program, assuming normal time to completion.

Note that this information is subject to change.


Students Borrowing Money

The typical graduate leaves with

N/A* in debt 

*Fewer than 10 students completed this program within normal time. This number has been withheld to preserve the confidentiality of the students.

The typical monthly loan payment

N/A* per month in student loans with an interest rate of **N/A***. 

*Fewer than 10 students completed this program within normal time. This number has been withheld to preserve the confidentiality of the students.

Graduates who got jobs

N/A* of program graduates got jobs

*We are not currently required to calculate a job placement rate for program completers.

Program graduates are employed in the following fields:

Electrical and Electronics Installers and Repairers, Transportation Equipment

Electronic Equipment Installers and Repairers, Motor Vehicles

Automotive Master Mechanics

Licensure Requirements

Program qualifies students to sit for licensure exam in:

Michigan

Additional Information

Date Created 2/28/2018

These disclosures are required by the U.S. Department of Education