

# AUTOMOTIVE - UNDER CAR SPECIALIST, CERTIFICATE OF ACHIEVEMENT (LEVEL II)

NMC Code 032

This certificate is designed to train students in the systems underneath the automobile, including brakes, suspension, and drivetrain. For students to be awarded this Under Car Specialist certificate, they must pass the related State of Michigan or ASE test for all five of the required automotive courses.

## Requirements

### Certificate Requirements

Course	Title	Credits
AT 100	Automotive Service Basics <sup>1</sup>	3
AT 110	Automotive Brake Systems	5
AT 120	Automotive Electrical I	5
AT 140	Suspension and Steering	4
AT 150	Automatic Transmissions	6
AT 180	Manual Drivetrain and Axles	6
Elective course		4
<b>Total Credits</b>		<b>33</b>

<sup>1</sup>

May be waived with appropriate work experience or education.

### Program Completion Requirements

A minimum of 33 AT credit hours are required to receive this certificate. Students must choose elective courses from the Automotive Program course list to reach the required credit level.

Students must pass the related State of Michigan or ASE test for all of the required automotive courses.

### Course Sequence Guide

Course	Title	Credits
<b>Year 1</b>		
<b>Fall</b>		
AT 100	Automotive Service Basics <sup>1</sup>	3
AT 120	Automotive Electrical I (Fall only)	5
AT 180	Manual Drivetrain and Axles (Fall only)	6
<b>Credits</b>		<b>14</b>
<b>Spring</b>		
AT 110	Automotive Brake Systems (Spring only)	5
AT 150	Automatic Transmissions (Spring only)	6
<b>Credits</b>		<b>11</b>
<b>Year 2</b>		
<b>Fall</b>		
AT 140	Suspension and Steering (Fall only)	4

Approved Automotive Elective	4
<b>Credits</b>	<b>8</b>
<b>Total Credits</b>	<b>33</b>

<sup>1</sup>

May be waived with proof of appropriate work experience or education.

### Program Notes

- Must pass the related State or ASE certification tests for all of the required automotive courses.
- The responsibility for determining the transferability of this degree and courses to another institution is the sole responsibility of the student.