AUTOMOTIVE - ELECTRICAL & DRIVABILITY SPECIALIST, CERTIFICATE OF ACHIEVEMENT (LEVEL II)

NMC Code 031

This certificate is designed to train students in the automotive systems related to the operation of the engine and its control systems. Emphasis is placed on the automotive electrical and electronic control systems. For students to be awarded this Electrical and Drivability Specialist certificate, they must pass the related State of Michigan exams or ASE test for all five of the required automotive courses.

Requirements

Certificate Requirements

Course	Title	Credits
AT 100	Automotive Service Basics [1]	3
AT 120	Automotive Electrical I	5
AT 130	Engine Performance I	5
AT 160	Engine Repair	6
AT 220	Automotive Electrical II	5
AT 230	Engine Performance II	4
Elective course(s)		5
Total Credits		**33**

[1] 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.

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

Course Sequence Guide

Course	Title	Credits
Year 1		
Fall		
AT 100	Automotive Service Basics [1]	3
AT 120	Automotive Electrical I (Fall only)	5
	Credits	**8**
Spring		
AT 220	Automotive Electrical II (Spring only)	5
Approved Automotive Elective		3
	Credits	**8**
Year 2		
Fall		
AT 130	Engine Performance I (Fall only)	5
AT 160	Engine Repair (Fall only)	6
	Credits	**11**
Spring		
AT 230	Engine Performance II (Spring only)	4
Approved Automotive Elective		2
	Credits	**6**
	Total Credits	**33**

[1] 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.