

AUTOMOTIVE - HYBRID TECHNOLOGY SPECIALIST, CERTIFICATE OF ACHIEVEMENT (LEVEL II)

NMC Code 034

Hybrid electric vehicles are a fast-growing section of the market. This certificate is the direct result of local automotive repair companies requesting NMC provide hybrid technician training. For current students, the certificate is an additional credential opportunity that will expand employment options.

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 150	Automatic Transmissions	4.5-6
or AT 230	Engine Performance II	
AT 160	Engine Repair	6
AT 210	Hybrid Technology	4
AT 220	Automotive Electrical II	5
Total Credits		32.5-34

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
Credits		5
Year 2		
Fall		
AT 130	Engine Performance I (Fall only)	5
AT 160	Engine Repair (Fall only)	6
Credits		11

Spring		
AT 230 or AT 150	Engine Performance II (Spring only) or Automatic Transmissions	4.5-6
AT 210	Hybrid Technology (Spring only)	4
Credits		8.5-10
Total Credits		32.5-34

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.