

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Automotive Technology  
Certificate of Achievement

Curriculum Code: 0140 (Effective Fall 2014 – Summer 2019)

This certificate program prepares individuals to take the State of Michigan Mechanics Certification Tests to become licensed automotive technicians through the Secretary of State. State certification tests are available at the end of fall and spring semester in the LCC Automotive Program Office. The Automotive Technology Program is a National Automotive Technicians Education Foundation (NATEF) Certified Training Program, evaluated by the National Institute for Automotive Service Excellence (ASE).

#### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

#### INFORMATION

Contact the Transportation Maintenance Technologies Program, West Campus Building, Room M127, telephone number (517) 267-6406 (Website: [www.lcc.edu/transportation/automotive/](http://www.lcc.edu/transportation/automotive/)) or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5452.

#### REQUIREMENTS (See Note 1)

CODE	TITLE	TOTAL: 39 CREDITS CREDIT HOURS
AUTO 100	Basic Auto Service & Ethics	3
AUTO 111	Basic Electrical Diagnosis	3
AUTO 112	Batteries, Starting, Charging	2
AUTO 113	Electrical Accessory Diagnosis	2
AUTO 130	Engine Mech Diagnosis & Repair	5
AUTO 140	Brake/ABS/Trac Control Systems	4
AUTO 150	Steering & Suspension Systems	3
AUTO 160	Heating/Air Conditioning Sys	3
AUTO 211	Adv Auto Electrical/Electronic	4
AUTO 221	Gasoline Engine Control Sys	5
AUTO 260	Intro to Alternative Fuels	2
AUTO 285	Automotive Internship	3
<b>MINIMUM TOTAL</b>		<b>39</b>

#### NOTES:

1. It is recommended that students have the equivalent of a Math Level 4 to be successful in this curriculum. Math placement testing is available in Student Services, West Campus Building, Room M106, telephone number (517) 267-5452.
2. To receive a certificate of achievement from Lansing Community College, a student must maintain a grade point average of 2.0 or above in the courses required for the certificate.

### **SUGGESTED COURSE SEQUENCE**

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

<b>I</b>	<b>II</b>	<b>III-Summer</b>
AUTO 100	AUTO 140	AUTO 160
AUTO 111	AUTO 150	AUTO 260
AUTO 112	AUTO 211	AUTO 285
AUTO 113	AUTO 221	
AUTO 130		

### **Accelerated Course Sequence**

<b>I</b>	<b>II</b>
AUTO 100	AUTO 150
AUTO 111	AUTO 160
AUTO 112	AUTO 211
AUTO 113	AUTO 221
AUTO 130	AUTO 260
AUTO 140	AUTO 285