

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Automotive Technology  
Certificate of Achievement

Curriculum Code: 0140 (Effective Fall 2008 – Summer 2013)

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* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

#### INFORMATION

Contact the Transportation Technologies Department, West Campus Building, Room M103, telephone number (517) 267-5880 (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) 267-5510.

#### REQUIREMENTS (See Note 1)

CODE	TITLE	TOTAL: 42 CREDITS CREDIT HOURS
AUTO 100	Automotive Service I	3
AUTO 110	Automotive Electrical Theory	5
AUTO 120	Automotive Drive Train	3
AUTO 130	Automotive Engines I	5
AUTO 140	Automotive Brakes	3
AUTO 150	Auto Steering & Suspension	3
AUTO 160	Auto Heating/Air Conditioning	3
AUTO 210	Adv Auto Electrical/Electronic	3
AUTO 215	Engine Performance & Tune-Up	5
AUTO 225	Automotive Computers	5
AUTO 280	Automotive Service Laboratory	4
<b>MINIMUM TOTAL</b>		<b>42</b>

#### NOTE:

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 the Assessment Center, Gannon Vocational-Technical Center, Suite 2100, telephone number (517) 267-5500.

### **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 or counselor for help with adjustments.

<b>I</b>	<b>II</b>	<b>III</b>
AUTO 100	AUTO 120	AUTO 150
AUTO 110	AUTO 160	AUTO 225
AUTO 130	AUTO 210	AUTO 280
AUTO 140	AUTO 215	