

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Automotive Technology  
Certificate of Achievement

Curriculum Code: 0140 (Effective Fall 2007 – Summer 2012)

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: <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
AUTO100	Automotive Service I	3
AUTO110	Automotive Electrical Theory	5
AUTO120	Automotive Drive Train	3
AUTO130	Automotive Engines I	5
AUTO140	Automotive Brakes	3
AUTO150	Automotive Steering & Suspension	3
AUTO160	Automotive Heating & Air Conditioning	3
AUTO210	Advanced Auto Electrical/Electronics	3
AUTO215	Engine Performance & Tune-Up	5
AUTO225	Automotive Computers	5
AUTO280	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>
AUTO100	AUTO120	AUTO150
AUTO110	AUTO160	AUTO225
AUTO130	AUTO210	AUTO280
AUTO140	AUTO215	