

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Automotive Technology  
Certificate of Achievement

Curriculum Code: 0140 (Effective Fall 2009 – Summer 2014)

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 and Engineering Technologies Department, West Campus Building, Room M103, telephone number (517) 267-6406 or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5510.

#### REQUIREMENTS (See Note 1)

| CODE                 | TITLE                          | TOTAL: 42 CREDITS<br>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 Student Services, West Campus Building, Room M106, telephone number (517) 267-5510.

### **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  |            |