

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Alternative Fuels
Certificate of Completion

Curriculum Code: 0855 (Effective Fall 2006 – Summer 2011)

This certificate program is intended for individuals who are currently employed in the automotive repair industry. Students are trained specifically in the area of alternative fuels and are prepared to take the State of Michigan Mechanics Certification Tests to become 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). The Automotive Technology Program is also a member of the National Alternative Fuels Training Consortium (NAFTC).

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 or Counseling and Advising Centers, Gannon Vocational-Technical Center, Room 204, telephone number (517) 483-1904.

REQUIREMENTS (See Note 1)

| CODE | TITLE | TOTAL: 26 CREDITS CREDIT HOURS |
|----------------------|-----------------------------------|-----------------------------------|
| AUTO100 | Automotive Service I | 3 |
| AUTO110 | Automotive Electrical Theory | 5 |
| AUTO215 | Engine Performance & Tune-Up | 5 |
| AUTO225 | Automotive Computers | 5 |
| AUTO260 | Introduction to Alternative Fuels | 2 |
| AUTO261 | Alternative Fuels – CNG | 3 |
| AUTO262 | Alternative Fuels–Propane (LPG) | 3 |
| MINIMUM TOTAL | | 26 |

NOTE:

1. Prerequisites to courses may be waived based on experience. See a program advisor prior to registration for more information.

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.

| I | II | III |
|---------|---------|---------|
| AUTO100 | AUTO225 | AUTO261 |
| AUTO110 | AUTO260 | AUTO262 |
| AUTO215 | | |