



# Automotive Service Level I (636)

## Certificate Program

### ABOUT OUR PROGRAM

This Level One certificate prepares students for employment as entry-level technicians for routine vehicle maintenance responsibilities in lubrication, brake installation, tire service, suspension repair and alignment, and minor automotive electrical.

### NATURE OF WORK AND EMPLOYMENT

Students find jobs repairing and servicing passenger cars, trucks, and other automotive vehicles. Some jobs in the automotive field may be for general technicians, while others are for specialists in engines, brakes, drive trains, transmissions, steering/suspension, electrical systems, emission controls, or heating and air conditioning. Employment opportunities for trained technicians are excellent due to the increasing number of vehicles on the road and the growing complexity of automotive technology.

### PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

- Scott Anderson, Dean of Business & Technology
- Jim Palmer, Automotive Technology Faculty
- Jeff Robertson, Automotive Technology Faculty
- Thedford Jackson, Transfer Coordinator/Student Advisor

### First Semester

### 16 Sem. Hours

* AUTM	111	Suspension and Alignment	5
* AUTM	113	Brakes	4
* AUTM	115	Standard Transmission and Final Drives	4
WELD	130	Introduction to Welding	
		-or-	3
WELD	135	Shield Arc/Oxy Welding	

### Second Semester

### 12 Sem. Hours

* AUTM	120	Fundamentals of Engines	3
* AUTM	122	Engine Components and Construction	3
* AUTM	124	Fundamentals of Electricity	4
* AUTM	138	Automotive Servicing	2

### Total Hours =

**28**

\* Course has a prerequisite. See course descriptions.

In compliance with U.S. Department of Education disclosure guidelines, gainful employment statistics for certificate programs can be found at [www.highland.edu/hcc\\_academics](http://www.highland.edu/hcc_academics).

