

# 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, Vice President of Business, Technology, and Community Programs
- Jim Palmer, Automotive Technology Faculty
- Kristin Stinnett, Automotive Technology Faculty
- Vicki Schulz, Student Advisor/Transfer Coordinator

### First Semester

15 Credit 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
	WELD	130	Introduction to Welding	
		-or-		3
	WELD	135	Shield Arc/Oxy Welding	

### Second Semester

13 Credit Hours

*	AUTM	111	Suspension and Alignment	5
*	AUTM	113	Brakes	4
*	AUTM	115	Standard Transmission and Final Drives	4

**Total Credit Hours =**

**28**

\* Course has a prerequisite. See course description.