

AUTOMOTIVE LIGHT REPAIR SPECIALIST CERTIFICATE

Division: Technology and Engineering

PROGRAM CODE: 2C40654

The **Automotive Light Repair Specialist Certificate** (*formerly Automotive Light Repair Specialist Skills Certificate*) is designed to provide the student with entry level employment skills needed in the areas of automotive repair that have a high volume of regular service and maintenance. Students will learn to diagnosis, service, and repair electrical and lighting systems, heating and air conditioning systems, brake systems, wheels and tires, suspensions, and wheel alignment. A student can seek employment in new car dealerships, specialty repair shops, and franchise automotive repair facilities as a lube technician, A/C technician, brake repair technician, or a wheel alignment technician. This certificate requires a total of 19 units. A grade of C or better is required in each course taken.

Code	Title	Units
Required Courses (19 units):		
AUTO 050 F	Automotive Specialty Practice	2
AUTO 065 F	Automotive Electrical and Electronic Systems	5
AUTO 083 F	Brake and Suspension Systems Repair	8
AUTO 089 F	Automotive Air Conditioning	4
Total Units		19

Outcome 1: Identify and practice safe work habits when using tools and equipment in an automotive repair shop.

Outcome 2: Inspect, identify, and repair vehicle malfunctions following manufacturer specifications and procedures.

Outcome 3: Using a vehicle repair order, explain and record vehicle inspection and repair procedures performed in compliance with automotive industry standards.

Outcome 4: Perform a wide array of vehicle preventative maintenance, service, and repair procedures related to electrical and lighting systems, heating and air conditioning systems, brake systems, suspensions, wheels and tires, and wheel alignment.

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