

AUTOMOTIVE MANUAL DRIVE TRAIN SPECIALIST CERTIFICATE

Division: Technology and Engineering

PROGRAM CODE: 2C40655

The **Automotive Manual Drive Train Specialist Certificate** (*formerly Automotive: Manual Drive Train Specialist Skills Certificate*) is designed to provide the student with entry level employment skills needed in the area of automotive service and repair of manual transmissions, manual transaxles, clutch systems, drivelines, and differentials. A student can seek employment in new car dealerships, specialty repair shops, and franchise automotive repair facilities. This certificate requires a total of 20 units. A grade of C or better is required in each course taken.

Code	Title	Units
Required Courses (20 units):		
AUTO 050 F	Automotive Specialty Practice	2
AUTO 060 F	Automotive Powertrains	5
AUTO 065 F	Automotive Electrical and Electronic Systems	5
AUTO 083 F	Brake and Suspension Systems Repair	8
Total Units		20

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 preventative maintenance, service, and repair procedures related to manual transmissions, manual transaxles, clutch systems, drivelines and differentials.

https://www.curricunet.com/fullerton/reports/program_report.cfm?programs_id=909