SKILL CERTIFICATE IN AUTOMOTIVE AIR CONDITIONING TECHNOLOGY

Students completing this certificate will acquire skills and knowledge required to perform the service and repair of automotive air conditioning systems. Upon program completion, it is expected the student will develop employment entry level knowledge and skills necessary for the proper maintenance and repair of automotive air conditioning and heating systems.

Program Outcomes

- Use the proper automotive terminology to discuss systems operation, methods of diagnosis and needed repairs.
- Prepare a written estimate of needed system repairs and estimate the related costs.
- Practice safety in the repair and service associated with electrical, hydraulic and mechanical systems.
- Demonstrate proficiency in the use of automotive diagnostic equipment to evaluate system performance and determine needed repairs.
- Describe construction components and apply the necessary skills for their respective approach to select the proper method to diagnose, repair and test automotive systems.

Career Opportunities

Upon successful completion of this certificate, students will be prepared for employment in the following jobs: automotive air conditioning electrical diagnosis, air conditioning service and recharging and air conditioning service and repair. This certificate is designed to meet national certification and training standards (NATEF) for automotive service excellence (ASE) testing and certification category (A7).

Program Requirements

Code	Title	Units
REQUIRED CERTIFICATE COURSES		
AUTO 130	Introduction to Automotive Technology	3
AUTO 136	Automotive Electrical Systems	4
AUTO 237	Automotive Air Conditioning	4
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TOTAL		11

The Skill Certificate requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Industry & Technology Division Chair.