

AUTOMOTIVE TECHNOLOGY, CERTIFICATE OF ACHIEVEMENT

The Certificate of Achievement in Automotive Technology is designed provide students with a solid foundation for technician positions in automotive dealerships, independent repair facilities, customizing shops and other auto-related industries. The program also offers technical training for automotive professionals who seek to upgrade their technical skills and knowledge.

Learning Outcomes

Upon successful completion of the program, students will be able to:

- Perform service, diagnosis, and repair operations on modern automobiles.
- Practice professional habits required for entry-level employment and advancement in trades associated with automotive maintenance and repair.

Certificate of Achievement Requirements

Code	Title	Units
Required Core		
AUTO 100	Introduction to Automotive Technology	4
AUTO 101	Engine Repair	4
AUTO 102	Basic Automotive Electricity and Electronics	4
AUTO 103	Engine Performance	4.5
AUTO 104	Automotive Electrics	2.5
AUTO 105	Automotive Electrical Circuits	2.5
AUTO 106	Automotive Brake Systems and Safety Inspection	4
AUTO 107	Automatic Transmissions and Transaxle	4
AUTO 108	Manual Transmissions and Drivetrains	4
AUTO 111	Automotive Steering and Suspension	4
AUTO 161 or COOP 99	Supervised Automotive Trade Experience I Career-Focused Work Experience	2-4
AUTO 162	Heating, Ventilation, and Air Conditioning Trade Experience	2
Total Units		41.5-43.5

Note: COOP 99 may be offered for 0.5-4.0 units. 2.0 Units of COOP 99 are required to satisfy the work experience certificate requirement.

Please refer to the graduation requirements section of the Catalog for information about degree and certificate requirements including Reading and Writing, Mathematics, Information Competency, and General Education requirements.