

AUTOMOTIVE TECHNOLOGY, ASSOCIATE IN SCIENCE

The Associate in Science in Automotive Technology is designed to 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.

Associate in Science Degree Major 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	Supervised Automotive Trade Experience I	2-4
or WORK 99	Career-Focused Work Experience	
AUTO 162	Heating, Ventilation, and Air Conditioning Trade Experience	2
TOTAL MAJOR UNITS		41.5-43.5
Additional Requirements		20
Complete Competency Requirements, general education pattern (MPC General Education, CSU General Education, or IGETC), and electives, if needed, for a total of 60 degree-applicable units.		
Total Units		61.5-63.5

Note: WORK 99 may be offered for 0.5-4.0 units. 2.0 Units of WORK 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.