

AUTOMOTIVE TECHNICIAN CERTIFICATE

The Automotive Technology Certificate program provides practical skills training for students in the maintenance and repair of vehicles. The Automotive Technology program is certified by the National Automotive Technicians Education Foundation (NATEF). These industry standards are followed throughout the program both in the classroom and with live hands-on projects in the laboratory. Upon completion of the one-year Automotive Technology Certificate program, the student will be able to demonstrate the ability to analyze basic automotive electrical circuits, apply and use skills for brake, suspension, wheels and tires systems, utilize service manuals and diagnostic procedures.

Occupational Objective: *Entry-level automotive technician.*

Related Instruction Requirements

Credits

Communications	WRIT 104 Workplace Communications	3
Health	HLTH 106 Focus on Health	1
Human Relations	HS 100 Human Relations	1
Mathematics	M 111 Technical Mathematics	3
Native American Studies	NASX (one course)	1
Technology	CAPP (one course)	1
Total Related Instruction credits required for certificate		10

Automotive Technician Certificate Program of Study

Credits

AUTO 110	Shop Orientation	2
AUTO 120	Chassis I	4
AUTO 121	Chassis II	4
AUTO 140	Electrical I	4
AUTO 141	Electrical II	4
WLDG 105	Introduction to Welding	2
Total Program of Study Credits required for certificate		20

Total credits required for certificate **30**

Automotive Technology Program Learning Outcomes

- Use proper tools, equipment and procedures to safely perform repairs.
- Apply and demonstrate skills to identify and repair defective braking systems.
- Diagnose and repair steering and suspension problems.
- Apply skills to perform electrical diagnostics and repair.
- Express through verbal and written communication in common automotive terminology.
- Demonstrate the ability to locate service repair information by many different types of media.
- Develop essential workplace skills and attributes necessary for an automotive related career.