

AUTOMOTIVE SERVICE TECHNOLOGY

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**Automotive
Service
Technology**

The field of automotive service and repair has become so specialized and technical that the demand for trained technicians increases daily. The Automotive Service Technology program currently holds a certification from the National Automotive Technicians Education Foundation (NATEF), and offers courses in all eight certification areas.

Each student will be required to purchase a tool kit approved by the instructor. Students will be asked to take the NOCTI exam before graduation.

Curriculum in Automotive Service Technology Technical Certificate

Course Number	Course Name	Semester Hours
Fall		
AST 1003	Automotive Electronics	3
AST 1004	Gasoline Engine Theory	4
AST 1005	Engine Performance	5
BUS 1003	Business English	
ENGL 0303	or Foundational Composition	3
ENGL 1013	or Composition I	
Total		15
Spring		
AST 1103	Automotive Brake Systems	3
AST 1113	Introduction to Automotive Drive Trains	3
AST 1213	Automotive Chassis and Steering	3
BUS 1023	Business Mathematics	
MATH 0803	or Beginning Algebra	3
CRT 1103	Automotive Welding	3
Total		15
1st Summer		
AST 1203	Automotive Climate Control	3
AST 2103	Advanced Automotive Electronics	3
Total		6

Curriculum in Automotive Service Technology

Associate of Applied Science Degree in General Technology

Course Number	Course Name	Semester Hours
1st Semester		
AST 1003	Automotive Electronics	3
AST 1004	Gasoline Engine Theory	4
AST 1005	Engine Performance	5
ENGL 1013	Composition I	3
Total		15
2nd Semester		
AST 1103	Automotive Brake Systems	3
AST 1113	Introduction to Automotive Drive Trains	3
AST 1203	Automotive Climate Control*	3
AST 1213	Automotive Chassis and Steering	3
CRT 1103	Automotive Welding	3
MATH 0903	Intermediate Algebra (or higher math)	3
Total		18
3rd Semester		
AST 1223	Advanced Automotive Drive Trains	3
AST 1903	Internship (or approved elective)	3
AST 2103	Advanced Automotive Electronics *	3
ENGL 1023	Composition II	3
WLD 1403	Welding for Trades and Industry	3
Total		15
4th Semester		
	Any Approved Social Science ¹	3
AST 2113	Advanced Engine Performance	3
AST 2903	Internship (or approved elective)	3
COMS 1003	Introduction to Computer Based Systems	
	or	
COMS 2003	Microcomputer Applications	3
	or	
BUS 1303	Introduction to Computers	
Total		12

¹ See appropriate alternatives or substitutions in "General Education Requirements" on page 30

*Usually offered in Summer I term