

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 1105	Gasoline Engine Theory	5
AST 1206	Engine Performance	6
BUS 1003	Business English	
ENGL 0303	or Foundational Composition	3
ENGL 1013	or Composition I	
BUS 1023	Business Mathematics	
MATH 0803	or Beginning Algebra	3
	Total	17
Spring		
AST 1103	Automotive Brake Systems	3
AST 1202	Introduction to Automotive Drive Trains	2
AST 1203	Automotive Climate Control	3
AST 1213	Automotive Chassis and Steering	3
ELT 1222	Basic Electronics for Trades and Industry	2
	Total	13
1st Summer		
AST 1212	Advanced Automotive Drive Trains	2
AST 1904	Internship I	4
	Total	6

Instructor
Bobby Sewell

Lab Instructor
Ewell Wadley

Automotive
Service
Technology

Curriculum in Automotive Service Technology

Associate of Applied Science Degree in General Technology

Course Number	Course Name	Semester Hours
1st Semester		
AST 1105	Gasoline Engine Theory	5
AST 1206	Engine Performance	6
ENGL 1013	Composition I	3
MATH 0903	Intermediate Algebra	3
Total		17
2nd Semester		
AST 1103	Automotive Brake Systems	3
AST 1202	Introduction to Automotive Drive Trains	2
AST 1203	Automotive Climate Control	3
ELT 1213	Automotive Chassis and Steering	3
AST 1904	Internship I*	4
ELT 1222	Basic Electronics for Trades and Industry	2
Total		17
3rd Semester		
AST 1212	Advanced Automotive Drive Trains*	2
AST 2103	Automotive Electricity/Electronics	3
ELT 1104	Fundamentals of Electricity	4
ENGL 1023	Composition II	3
WLD 1402	Welding for Trades and Industry	2
Total		14
4th Semester		
	Any Approved Social Science ¹	3
AST 2113	Advanced Engine Performance	3
AST 2903	Internship II	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 25

*Usually offered in Summer I term