

**Associate in Applied Science in General Technology
Automotive Option
(Edge/Cooperative Program with Career/Technical Centers)**

The Associate in Applied Science in General Technology: Automotive Option is a collaborative program between WVSTC Career/Technical Centers. Students who complete the Automotive Program and transfer to WVSTC will be granted 28 credit hours toward the A.A.S. in General Technology: Automotive Option upon completion of all courses (with a grade of C or better) in the Automotive program and a passing score of 75% or above on the state exam.

Careers for Automotive

The program prepares the graduates for employment and/or further on-the-job training in the field of maintenance, service, and principles of operation of automotive vehicles. Typical jobs for graduates of this program may include:

- Maintenance and service of automotive vehicles
- Diagnostic operations of automotive vehicles
- Inspection and overhaul of automotive vehicles

For More Information, Contact
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Program Learning Outcomes

Upon completion of this program the student will be able to:

1. Pursue careers in Automotive.
2. Construct, maintain, service automotive engines.
3. Explain the fundamentals of the automotive electrical system.
4. Identify the electronic engine controls and repair air conditioning systems.
5. Inspect the support systems used in automotive equipment technology.
6. Describe the engine components used in automotive equipment technology.
7. Inspect vehicles for preventative maintenance.

CURRICULUM/SUGGESTED SEQUENCE

(62-63 hours required for graduation) / (28 hours transfer from career center)

SECOND SEMESTER

ENG 120	Technical Writing	OR	
BST 230	Bus. Comm. & Ethics	OR	
COMM 100	Speech Communications		3
BST 240	Fund of Bus Comp Tech	OR	
CS 106	Intro to Comp & Office Appl		3
BST 298	Business Studies Seminar		1
Elective	Social Science Elective		3
Elective	Natural Science Elective		3-4
Elective	Restricted Elective		<u>3</u>
	Total Credits		16-17

FIRST SEMESTER

COLL 101	College 101	3
HUM 101	Humanities	3
ENGL 101	English Composition I	OR
ENG 110	English Composition I	3
BST 104	Business Math	3
Elective	Restricted Elective	<u>6</u>
	Total Credits	18

Restricted Electives: (Choose any three courses)

BST 106, 151, 180, 201, 202, 205, 255, ITEC 101, 180, CS 109, CO-OP, and other courses as approved by the PD

Natural Science Electives: (Choose one)

CHEM 100, 101, PSYS 102, 110, 120, 170, 191, 203, BIOL 101

Social Science Elective: (Choose one)

SOC 101, POSC 100, 101, PSYC 151, ECON 201, 202

Career Center Courses-Transfer 28 credit hours to WVSTC

WVEIS Code 1631	Fund of Automotive Technology	3	WVEIS Code 1635	Man/Auto Drive Train Axles	4
WVEIS Code 1623	Basic Engine Concepts	3	WVEIS Code 1621	Auto Alternative Fuels I	2
WVEIS Code 1637	Suspension and Steering Diagnosis	3		(Restricted Elective)	
WVEIS Code 1625	Brakes	3			
WVEIS Code 1633	Heating and Air Conditioning	4			
WVEIS Code 1629	Engine Performance	4			
WVEIS Code 1627	Electrical/Electronic Systems	4			

