

# Basic Automotive, Truck, and Tractor Service and Repair, STC

This short certificate (STC) program of study provides students with skills, knowledge, and hands-on experience in the automotive, truck and tractor service, maintenance and repair industry. Today a technician must possess excellent critical thinking skills, computer skills, mechanical skills, working knowledge of electronics and be able to diagnose complex problems, and be committed to keeping pace with future advancements.

Successful completion of the program prepares graduates for employment as a service/ maintenance technician, parts manager, or sales and service representative in the field of automotive, truck and tractor service and repair.

**Program:** [Automotive Technology](#)

**Type:** Short Certificate

Item #	Title	Credits
ASE 101	Fundamentals of Automotive Technology	3
ASE 112	Electrical Fundamentals	3
ASE 121	Braking Systems	3
ASE 122	Steering and Suspension	3
ASE 124	Automotive Engines	3
ASE 130	Drive Train and Axles	3
ASE 133	Motor Vehicle Air Conditioning	3
ASE 191	Co-op	2
ASE 239	Engine Performance	3
	<b>Total credits:</b>	<b>26</b>

## Course Sequencing

### Basic Automotive, Truck, and Tractor Service and Repair Suggested Course Sequence First Semester

Item #	Title	Credits
ASE 101	Fundamentals of Automotive Technology	3
ASE 112	Electrical Fundamentals	3
ASE 121	Braking Systems	3
ASE 122	Steering and Suspension	3
ASE 124	Automotive Engines	3

### Basic Automotive, Truck, and Tractor Service and Repair Suggested Course Sequence Second Semester

Item #	Title	Credits
ASE 130	Drive Train and Axles	3
ASE 133	Motor Vehicle Air Conditioning	3
ASE 191	Co-op	2
ASE 239	Engine Performance	3