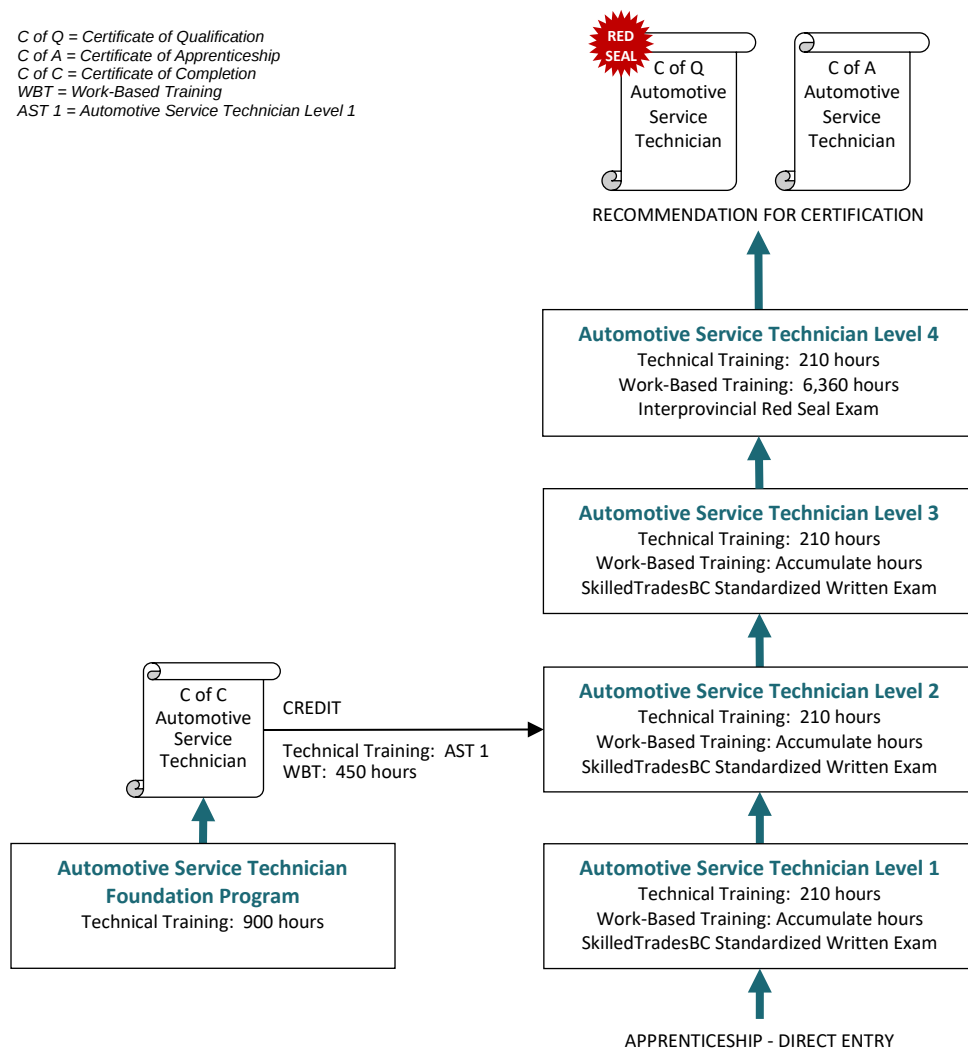


Program Credentialing Model

Apprenticeship Pathway

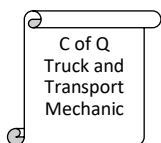
This graphic provides an overview of the Automotive Service Technician apprenticeship pathway.

C of Q = Certificate of Qualification
C of A = Certificate of Apprenticeship
C of C = Certificate of Completion
WBT = Work-Based Training
AST 1 = Automotive Service Technician Level 1



CROSS-PROGRAM CREDITS

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of these programs:



Technical Training: None
Work-Based Training: 1,590 hours*



Technical Training: None
Work-Based Training: 1,590 hours*

*Individuals who are holders of both certificates will only be awarded credit for 1,590 WBT hours total

Training Topics and Suggested Time Allocation: Level 1

AUTOMOTIVE SERVICE TECHNICIAN – LEVEL 1

		% of Time Allocated to:			
		% of Time	Theory	Practical	Total
Line A	PERFORM SAFETY-RELATED FUNCTIONS	4%	70%	30%	100%
A1	Maintain a safe work environment		✓		
A2	Use personal protective equipment (PPE) and safety equipment		✓	✓	
Line B	USE TOOLS, EQUIPMENT, AND DOCUMENTATION	14%	40%	60%	100%
B1	Use tools and equipment		✓	✓	
B2	Use fasteners, tubing, hoses, and fittings		✓		
B3	Use hoisting and lifting equipment		✓	✓	
B4	Use technical information		✓		
Line C	USE COMMUNICATION AND MENTORING TECHNIQUES	1%	100%	0%	100%
C1	Use communication techniques		✓		
Line H	DIAGNOSE AND REPAIR DRIVELINE SYSTEMS	4%	50%	50%	100%
H1	Diagnose and repair drive shafts and axles		✓	✓	
Line I	DIAGNOSE AND REPAIR ELECTRICAL SYSTEMS AND COMPONENTS	23%	50%	50%	100%
I1	Diagnose and repair basic wiring and electrical systems		✓	✓	
I2	Diagnose and repair 12-volt batteries, starting, and charging systems		✓	✓	
Line K	DIAGNOSE AND REPAIR STEERING AND SUSPENSION, BRAKING, CONTROL SYSTEMS, TIRES, WHEELS, HUBS, AND WHEEL BEARINGS	50%	50%	50%	100%
K1	Diagnose and repair tires, wheels, hubs, and wheel bearings		✓	✓	
K2	Diagnose and repair suspension and control systems		✓	✓	
K3	Diagnose and repair steering and control systems		✓	✓	
K4	Diagnose and repair braking and control systems		✓	✓	
Line L	DIAGNOSE AND REPAIR RESTRAINT SYSTEMS, BODY COMPONENTS, ACCESSORIES, AND TRIM	2%	80%	20%	100%
L2	Diagnose and repair wind noises, rattles, and water leaks		✓		
L3	Diagnose and repair interior and exterior components, accessories, and trim		✓	✓	
L4	Diagnose and repair latches, locks, and movable glass		✓		
Line M	DIAGNOSE AND REPAIR HYBRID AND ELECTRIC VEHICLES (EV)	2%	100%	0%	100%
M1	Implement specific safety protocols for hybrid and electric vehicles (EV)		✓		
Total Percentage for Automotive Service Technician Level 1		100%			