

AUTOMOTIVE SERVICE TECHNICIAN

THIS BC PROGRAM HAS BEEN HARMONIZED AND IS BASED ON RSOS 2023

Occupation Description

“Automotive Service Technicians” possess the full range of knowledge and abilities required to perform preventative maintenance, diagnose faults, and repair automotive vehicles, light trucks, and hybrid and electric vehicle systems. These systems include engines, vehicle management, steering, braking, tires, wheels, drivetrains, suspension, electrical, advanced driver assistance systems (ADAS), electronics, heating, ventilation, and air conditioning (HVAC), restraints, trim, and accessories.

Automotive Service Technicians may be employed by automotive repair shops, dealerships, automotive specialty repair shops, large organizations that may own a fleet of vehicles and motor vehicle body repair companies.

For detailed information on the scope of knowledge and skills taught and assessed in this program refer to the Program Outline, available on the SkilledTradesBC website.

Pathways to Certification

In BC, an individual can become certified as an Automotive Service Technician by completing the Automotive Service Technician program or by challenging the certification. Apprenticeship programs are for individuals who have an employer to sponsor them and challenge programs are for individuals who have extensive experience working in the occupation and wish to challenge the certification.

Youth can begin an apprenticeship in high school through the Youth Train in Trades or Youth Work in Trades programs. The Youth Work in Trades program is available for any trade if an employer is willing to sponsor the student. Trades offered through the Youth Train in Trades vary by region; contact your local school district to find out which technical training programs are being offered through the Youth Train in Trades program in your region.

Foundation programs, where available, provide adults and youth who do not have work experience or employer sponsorship with an opportunity to gain the knowledge and skills needed to enter the occupation. Individuals who wish to enroll in a Foundation program must register directly with the training provider.

Recommended Education

The following education is **recommended** for apprentices entering this occupation. These are not prerequisites, but rather a desired level of skill or knowledge that will contribute to success in the industry.

- Grade 12 or equivalent including English 12, Apprenticeship & Workplace Math, or Trade Mathematics 11 and Applied Physics, or Science and Technology 11

SkilledTradesBC Registration

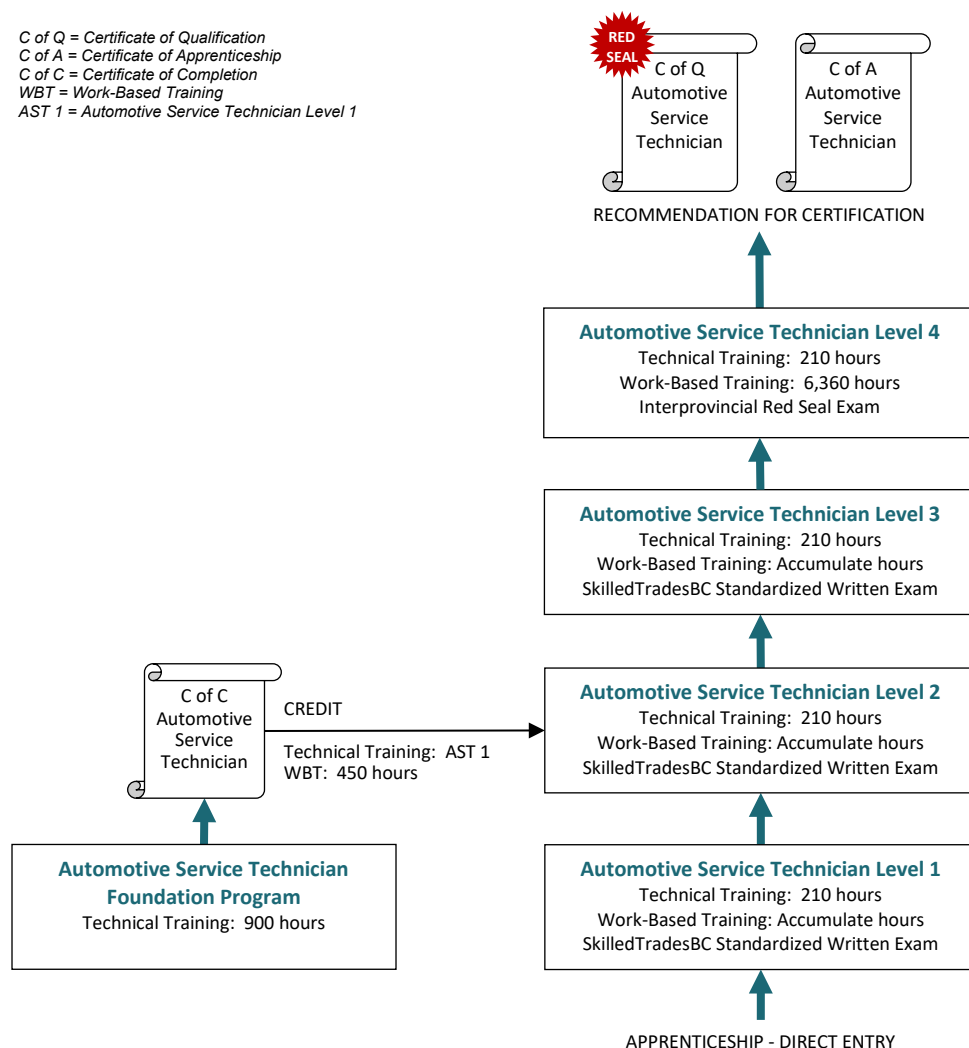
Individuals who wish to begin an apprenticeship in this program must register with SkilledTradesBC along with their sponsor. Application forms for all programs are available from the SkilledTradesBC website. Online registration is also available for most programs through the SkilledTradesBC website.

Those who wish to challenge the Automotive Service Technician certification must complete the BC Automotive Service Technician Challenge Application and submit it to SkilledTradesBC. Challenge applications are assessed for proof of workplace hours and scope of experience prior to acceptance of the individual into the Challenge pathway.

Apprenticeship Pathway

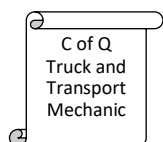
This graphic provides an overview of the Automotive Service Technician apprenticeship pathway.

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

Apprenticeship Program Standards

Credentials Awarded

- Automotive Service Technician – Certificate of Qualification with Interprovincial Red Seal endorsement
- Automotive Service Technician – Certificate of Apprenticeship

SkilledTradesBC Registration Prerequisites

- Agreement signed by the employer to sponsor the apprentice

Completion Requirements

Certification as an Automotive Service Technician is awarded upon successful completion of:

Requirement

Level of Achievement Required

Technical Training

Minimum 70% in each level of technical training:

- Level 1: 210 hours and SkilledTradesBC Standardized Written Exam
- Level 2: 210 hours and SkilledTradesBC Standardized Written Exam
- Level 3: 210 hours and SkilledTradesBC Standardized Written Exam
- Level 4: 210 hours

Interprovincial Red Seal Exam

- Minimum 70%

Work-Based Training

- 6,360 hours

Recommendation for Certification

- Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority

Program Duration

Duration varies depending on how training is delivered, but the program generally takes 4 years to complete.

The technical training requirement is typically met through block-release training (full-time, at school) delivered by a SkilledTradesBC-approved training provider. It can also be met through approved alternative training models (e.g., distance education, online, part-time) and/or level challenge where these options are available.

Sign-off Authority

Credentials eligible to sign-off on the Recommendation for Certification:

- Automotive Service Technician – Certificate of Qualification with Interprovincial Red Seal Endorsement

Challenging a Level

The following levels of technical training can be challenged for advanced placement in this program. Note that there are eligibility requirements to challenge a level.

- Level 1
- Level 2
- Level 3



Apprenticeship Program Standards

Cross-Program Credits

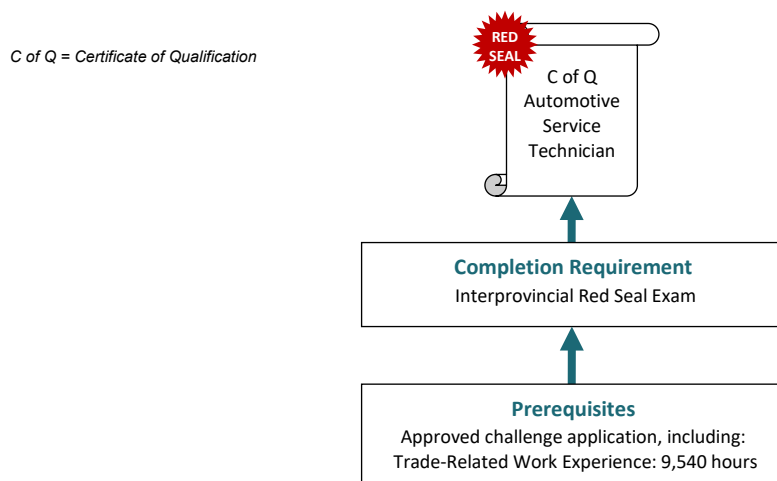
Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of Automotive Service Technician

Credential	Credit(s) Granted
Heavy Duty Equipment Technician – Certificate of Qualification	<ul style="list-style-type: none"> ▪ Technical Training: None ▪ Work-Based Training: 1,590 hours*
Truck and Transport Mechanic – Certificate of Qualification	<ul style="list-style-type: none"> ▪ 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.

Challenge Pathway

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



CREDIT FOR PRIOR LEARNING

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program

Military certificate in Vehicle Technician MT #129 / #411, QL5 or higher

Work-Based Training: 9,540 hours

Challenge Program Standards

Credentials Awarded

Automotive Service Technician – Certificate of Qualification with Interprovincial Red Seal endorsement

SkilledTradesBC

Registration Prerequisites

An approved Challenge Application, which includes:

- 9,540 documented hours of directly related experience working in the occupation

Credit for Prior Learning

Individuals who hold the credentials listed below are considered to have met or partially met the requirements for challenging this program.

Credential

Credit(s) Granted

Military certificate in Vehicle Technician MT #129 / #411, QL5 or higher

- 9,540 workplace hours
- Approved Challenge Application

Completion Requirements

Certification as an Automotive Service Technician is awarded upon successful completion of:

Requirement

Level of Achievement Required

Interprovincial Red Seal Exam

- Minimum 70%

Foundation Program

Refer to the Apprenticeship pathway diagram for this program to see how the Automotive Service Technician Foundation program fits into apprenticeship.

Foundation Program Standards

Credentials Awarded	Automotive Service Technician - Certificate of Completion				
Enrollment Pre-requisites	Contact training provider. Prerequisites vary between training institutions.				
Completion Requirements	A Certificate of Completion in this program is awarded upon successful completion of: <table> <tr> <th>Requirement</th><th>Level of Achievement Required</th></tr> <tr> <td>Technical Training</td><td> <ul style="list-style-type: none"> Minimum 70% </td></tr> </table>	Requirement	Level of Achievement Required	Technical Training	<ul style="list-style-type: none"> Minimum 70%
Requirement	Level of Achievement Required				
Technical Training	<ul style="list-style-type: none"> Minimum 70% 				
Program Duration	Duration varies depending on how training is delivered, but the program generally takes 900 hours to complete.				
Credit toward Apprenticeship	<p>Individuals who complete the Automotive Service Technician Foundation program will receive the following credit toward completion of the Automotive Service Technician apprenticeship program:</p> <ul style="list-style-type: none"> Technical Training: Level 1 Work-based training: 450 hours 				



Supporting Documents

Automotive Service Technician Program Outline (2024) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from the SkilledTradesBC website.

Automotive Service Technician Red Seal Occupational Standard (2023) – Prepared by industry experts, under the guidance of the federal government, for Red Seal trades to define the national standard of competence for the trade. Available from the Red Seal website: www.red-seal.ca.

Contacts

SkilledTradesBC manages B.C.'s industry training and apprenticeship programs. Contact SkilledTradesBC Customer Service if you have any questions regarding registration, examinations, or certification for this program.

Telephone: 778-328-8700

Toll Free (within BC): 1-866-660-6011

Website: www.skilledtradesbc.ca

Fax: 778-328-8701

Email: customerservice@skilledtradesbc.ca

Revision History

The standards for this program were reviewed and/or updated on the dates below.

Program Standards Approved:	March 2002
Updated:	September 2006
	June 2008
	November 2008
	January 2009
	July 2009
	May 2012
	July 2012
	December 2012
	February 2017
	April 2018
	July 2022
	February 2024

Program Profiles are updated regularly. Visit www.skilledtradesbc.ca for the most current version.