

APPRENTICESHIP IN AUTOMOTIVE SERVICE TECHNICIAN

At a Glance

Faculty

kpu.ca/trades (<http://kpu.ca/trades/>)

Area of Study:

kpu.ca/trades/auto (<http://kpu.ca/trades/auto/>)

Academic Level:

Vocational

Credential Granted:

Intake Type:

- Open

Description

In BC, an individual can become certified as an Automotive Service Technician by completing the Automotive Service Technician apprenticeship program. Apprenticeship programs are designed to provide students the full scope of knowledge and applied skills necessary to perform the occupation. Apprentices have an employer to sponsor them and are registered with SkilledTradesBC (<https://skilledtradesbc.ca/>).

KPU delivers in-school technical training for Automotive Service Technician apprenticeship levels 1, 2, 3 and 4. The in-school technical training varies for each level and is 6 to 7 weeks in duration. Upon completion of levels 1, 2 and 3 apprentices with sufficient work-based training hours will be eligible to write the Certificate of Qualification (CoQ) exam. Additional information is available at: [kpu.ca/trades/auto](http://www.kpu.ca/trades/auto/) (<http://www.kpu.ca/trades/auto/>).

The pathway to becoming a certified Automotive Service Technician generally takes 4 years to complete the in-school technical training and work-based hours. Apprentices will be eligible to write the Red Seal Inter-provincial Examination upon successful completion of all in-school technical training and 6000 work-based hours. The Red Seal endorsement will be awarded upon completion of all requirements and is recognized in all jurisdictions across Canada; additional information is at: [red-seal.ca](https://www.red-seal.ca/eng/w.2lc.4m.2.shtml/) (<https://www.red-seal.ca/eng/w.2lc.4m.2.shtml/>).

Training Schedules

KPU apprentice training schedules and waitlists are published on Kwantlen Course Search (<http://kpu.ca/registration/timetables/>). Additional apprenticeship training opportunities are listed on Trades Training BC (<https://www.tradestrainingbc.ca/>); this is the hub for BC's Public Trades Training Programs & Services.

Financial Supports for Apprentices

Apprentices may be eligible for financial support for the in-class portion of their training through the EPBC Apprentice Program Financial Supports. Application to this program must be made four to six weeks prior to the start of technical training. Information is available through

WorkBC (<https://www.workbc.ca/discover-employment-services/apprentice-services/training-supports/>).

Apprentices must apply separately for Employment Insurance (EI) Benefits no later than the last week of work, or during the first week of training, or they will not be eligible to receive EPBC Apprentice Program Financial Supports. EI information can be obtained by visiting Service Canada (<https://www.canada.ca/en/employment-social-development/corporate/portfolio/service-canada.html>).

The Canada Apprentice Loan is an initiative of the Government of Canada. As of January 2015, apprentices can apply for up to \$4,000 in interest-free loans per period of in-school technical training. Information is available at the Canada Apprentice Loan Service Centre (<https://www.pca-cal.ca/en/Home/>).

Requirements

General Prerequisites

The following requirements apply:

- Completed KPU Apprentice Registration (<http://kpu.ca/trades/apprenticeship-registration/>).
- Active apprentice registration in the BC Apprenticeship system.
- Valid Trade Worker Identification number from SkilledTradesBC. If you do not have a SkilledTradesBC ID, you will need to complete an apprenticeship registration form through SkilledTradesBC (www.skilledtradesbc.ca) (<https://skilledtradesbc.ca/>) prior to enrolling (Level 1 through to 4). To determine your eligibility please consult with SkilledTradesBC.

Note: International student enrollment requires approval of the Dean.

Curricular Requirements

Note: KPU Tech does not permit students to register in Apprenticeship Levels out of sequence.

| Code | Title | Credits |
|-----------|----------------------------|---------|
| AAST 1010 | Automotive Service Level 1 | 0 |
| AAST 1020 | Automotive Service Level 2 | 0 |
| AAST 1030 | Automotive Service Level 3 | 0 |
| AAST 1040 | Automotive Service Level 4 | 0 |

Other Information

Special Equipment

Students will require appropriate steel-toed safety shoes or boots and safety glasses.

Credential Awarded

KPU will report your in-school technical training completion information to SkilledTradesBC in order for SkilledTradesBC to determine credit towards your designated apprenticeship.

Courses

AAST 1010 0 credits

Automotive Service Level 1

In this level, apprentices will complete the learning objectives as defined in the Industry Training Authority Program Outline (April 2013) for Automotive Service Technician 1. Topics include: Workplace Safety, Employability Skills, Tools and Equipment, General Automotive Maintenance, General Automotive Practices, Basic Electrical Systems, Brake Systems, Steering Systems, and Suspension Systems.

Level: VO

Prerequisite(s): 1. Valid Trade Worker ID Number (ITA ID #) 2. Active apprentice registration in the BC Apprenticeship system 3. Additional requirements mandated by the Industry Training Authority may be required, contact Apprenticeship Services for information

AAST 1020 0 credits

Automotive Service Level 2

In this level, apprentices will complete the learning objectives as defined in the Industry Training Authority Program Outline (April 2013) for Automotive Service Technician 2. Topics include: Advanced Electrical Systems, Heating, Ventilation and Air Conditioning Systems, Engines, Engine Support Systems, and Hybrid Vehicle Safety. Employment Insurance (EI) Eligibility Provincial program financial supports must be applied for online through the Apprentice Online Portal at apprenticeonline.gov.bc.ca. It is recommended that apprentices apply for these supports four weeks in advance of the start of their technical training and application must be made no later than the first day of technical training.

Level: VO

Prerequisite(s): 1. Valid Trade Worker ID Number (ITA ID #) 2. Active apprentice registration in the BC Apprenticeship system 3. AST Foundation or Level 1 Technical Training 4. AST Level 1 Certificate of Qualification and Certificate of Apprenticeship 5. Additional requirements mandated by the Industry Training Authority may be required, contact Apprenticeship Services for information

AAST 1030 0 credits

Automotive Service Level 3

In this level, apprentices will complete the learning objectives as defined in the Industry Training Authority Program Outline (April 2013) for Automotive Service Technician 3. Topics include: Standard and Electronic Ignition Systems, Fuel Systems, Emission Control Systems, and Electronic Engine Controls. Employment Insurance (EI) Eligibility Provincial program financial supports must be applied for online through the Apprentice Online Portal at apprenticeonline.gov.bc.ca. It is recommended that apprentices apply for these supports four weeks in advance of the start of their technical training and application must be made no later than the first day of technical training.

Level: VO

Prerequisite(s): 1. Valid Trade Worker ID Number (ITA ID #) 2. Active apprentice registration in the BC Apprenticeship system 3. AST Foundation or Level 1 Technical Training and Level 2 Technical Training 4. AST Level 2 Certificate of Qualification and Certificate of Apprenticeship 5. Additional requirements mandated by the Industry Training Authority may be required, contact Apprenticeship Services for information.

AAST 1040 0 credits

Automotive Service Level 4

In this level, apprentices will complete the learning objectives as defined in the Industry Training Authority Program Outline (May 2009) for Automotive Service Technician. Topics include: Clutches, Standard Transmissions/Transaxles, Manual Overdrive, Test and Service Transfer Cases, Test and Service Automatic Transmissions, Air Care Program, Test and Service Drive Lines, and Test and Service Drive Axles and Differentials.

Level: VO

Prerequisite(s): 1. Valid Trade Worker ID Number (ITA ID #) 2. Active apprentice registration in the BC Apprenticeship system 3. AST Foundation or Level 1, 2 & 3 Technical Training 4. AST Level 1, 2 & 3 Certificate of Qualification and Certificate of Apprenticeship.