

Automotive Service Technician: Apprenticeship

Faculty of Trades and Technology	
kwantlen.ca/trades	
Automotive Service Technician	
kwantlen.ca/trades/auto	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

DESCRIPTION

The Automotive Service Technician apprenticeship requires apprentices to complete four levels of in-school technical training (level 1 and 3 are each 7 weeks in length and level 2 and 4 are each 6 weeks in length) and 6000 work-based training hours. Upon each level completion, students with sufficient work-based training hours will be eligible to write the Certificate of Qualification (CoQ) exam. Additional information is available on our program website at: kwantlen.ca/trades/auto.

PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA (www.itabc.ca) prior to admission (Level 1 through to 4).

CONTENT

AUTOMOTIVE SERVICE LEVEL 1 (AAST 1010)

- Safe Work Practices
- Wheels, Hubs, Tires and Bearings

- Frames and Suspension Systems
- Manual and Power Steering
- Brake Systems
- Basic Electrical and Batteries

AUTOMOTIVE SERVICE LEVEL 2 (AAST 1020)

- Gasoline Engines
- Diesel Engines
- Cooling Systems
- Exhaust Systems
- Engine Lubrication Systems
- Auxiliary Electrical
- Air Conditioning and HRAI ODS Course
- Diesel Fuel Injection Systems
- Starting Motors and Circuits
- AC Charging Systems

AUTOMOTIVE SERVICE LEVEL 3 (AAST 1030)

- Standard and Electronic Ignition Systems
- Fuel Systems
- Emission Control Systems
- Electronic Engine Controls

AUTOMOTIVE SERVICE LEVEL 4 (AAST 1040)

- Clutches, Standard Transmissions/Transaxles
- Manual Overdrive
- Test and Service Transfer Cases
- Test and Service Automatic Transmissions
- Air Care Program
- Test and Service Drive Lines

- Test and Service Drive Axles and Differentials

OTHER INFORMATION

SPECIAL EQUIPMENT

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

GRADUATION

Upon successful completion of an apprentice level, Kwantlen will report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.