

# AUTOMOTIVE SERVICE TECHNICIAN APPRENTICESHIP

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**Program:** ASAA

**Credential:** Apprentice Week Certificate

**Delivery:** Full-time

**Work Integrated Learning:** Apprentice Placement

**Length:** 2 Semesters

**Duration:** 720 hours

**Effective:** Fall 2022

**Location:** Owen Sound

## Description

An Automotive Service Technician performs preventative maintenance, diagnoses problems and repairs vehicle systems in cars and light trucks.

Automotive Service Technician is a trade regulated by the Ontario College of Trades and Apprenticeships Act 2009. Qualified Individuals may obtain a Certificate of Qualification, which confirms its holder has the skills, knowledge and experience that meet industry standards of practice for the trade.

In order to complete an apprenticeship training program in the trade, individuals must become members of the Ontario College of Trades (the College), and apprentices must remain active members for the duration of their apprenticeship.

## Career Opportunities

Under the Government of Canada's National Occupational Classification list, Automotive Service Technicians are employed by motor vehicle dealers, garages, truck and trailer dealerships, and automotive speciality shops. Career opportunities include, but are not limited to, the following positions:

- Automobile Mechanic
- Automotive Engine Mechanic Inspector
- Automotive Service Technician
- Motor Vehicle Inspector and Tester
- After Sales Service Technician
- Parts Manager

## Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

Specifically, an Automotive Service Technician will be able to diagnose and repair:

1. engines, transmissions, clutches, rear ends, differentials, brakes, drive shafts, axles and other assemblies;
2. alignment of wheels, axles, frames and steering mechanisms;
3. suspension systems, including shock absorbers and spring assemblies;
4. ignition, charging and starting systems, panel instruments, wiring and other electrical/electronic systems and equipment;

5. fuel and engine management and emission control systems;
6. air conditioning, refrigeration and heating systems.

## External Recognition

Upon completing an apprenticeship, the Ministry of Training, Colleges and Universities (MTCU) will issue an individual a Certificate of Apprenticeship. Upon passing the trade's certificate examination and meeting the College's registration requirement, the individual may apply to become certified and registered as a journey person in the trade.

Automotive Service Technician is classified as a compulsory trade, which means that individuals working in the trade are required by law to be members of the College.

In Ontario, the trade is part of the Interprovincial Red Seal Program - the national standard for the trade across Canada: [www.red-seal.ca](http://www.red-seal.ca)

## Admission Requirements

To qualify for an apprenticeship, applicants must:

- be at least 16 years of age
- have legal permission to work in Canada (for example, have a valid social insurance number)
- have a sponsor in Ontario

## Additional Information

An apprenticeship involves practical training provided on-the-job by a skilled worker, or trainer. The skills or competencies to be developed are set out by the trade's apprenticeship training standard and are recognized by the industry as being essential to the practice of the trade.

As these essential skills are developed, the apprentice's sponsor or trainer signs the relevant sections of the training standard to indicate that the apprentice has met the individual training objectives by demonstrating the skills required of a skilled worker, or journey person, in the trade.

To advance through the levels of the apprenticeship program, an individual must have completed all of the units outlined in the previous level (i.e. complete Level 1 before advancing to Level 2).

## Graduation Requirements

Apprentices must complete 720 hours of in-school training as outlined in the industry and Ministry of Training, Colleges and Universities approved Curriculum Standard.

- Automotive Service Technician Level 1 - Basic (ASAB)
- Automotive Service Technician Level 2 - Intermediate (ASAI)
- Automotive Service Technician Level 3 - Advanced (ASAA)

## Graduation Eligibility

Students must successfully complete all required courses as noted below. Further details, if applicable, are noted under "Additional Information" above.

## Program Tracking

**Level 1 - Basic (ASAB)**

Program Courses		Hours
ASAB 1000	Work Practices	30
ASAB 1001	Engine Systems	36
ASAB 1002	Electrical/Electronic and Emissions Systems	96
ASAB 1003	Drive Train Systems	36
ASAB 1004	Suspension/Steering and Brake Systems	42
<b>Hours</b>		<b>240</b>
<b>Total Hours</b>		<b>240</b>

## Level 2- Intermediate (ASAI)

Program Courses		Hours
ASAI 1000	Air Conditioning Systems	30
ASAI 1001	Engine Systems 2	36
ASAI 1002	Electrical/Electronic and Emissions Systems 2	96
ASAI 1003	Drive Train Systems 2	36
ASAI 1004	Suspension/Steering and Brake Systems 2	42
<b>Hours</b>		<b>240</b>
<b>Total Hours</b>		<b>240</b>

## Level 3- Advanced (ASAA)

Program Courses		Hours
ASAA 1000	Work Practices 3	30
ASAA 1001	Engine Systems 3	36
ASAA 1002	Electrical/Electronic and Emissions Systems 3	96
ASAA 1003	Drive Train Systems 3	36
ASAA 1004	Suspension/Steering and Brake Systems 3	42
<b>Hours</b>		<b>240</b>
<b>Total Hours</b>		<b>240</b>

**Disclaimer:** *The information in this document is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs.*

*Program outlines may be subject to change in response to emerging situations, in order to facilitate student achievement of the learning outcomes required for graduation. Components such as courses, progression, coop work terms, placements, internships and other requirements may be delivered differently than published.*