

AIRCRAFT MAINTENANCE TECHNICIAN

Occupation Description

“Aircraft Maintenance Technician” means a person who performs inspections and troubleshooting of an aircraft, including airframe structures, engines and aircraft systems, disassembles and removes defective parts, assembles and installs replacement parts, interprets technical manuals, drawings and blueprints, tests aircraft systems, records problems and actions taken to rectify them, and maintains an accurate statement of the maintenance history of the aircraft.

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 obtain a Certificate of Apprenticeship as an Aircraft Maintenance Technician by completing the required hours and recording a sponsor attestation. Apprenticeship programs are for individuals who have an employer to sponsor them.

There is no challenge pathway for this program.

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.

Note: Licensing for Aircraft Maintenance Engineer (AME) “M” rating is separate from certification as an SkilledTradesBC Aircraft Maintenance Technician. AME licensing is issued by Transport Canada. There are no transferable credits between the two programs. Please visit www.tc.gc.ca for details.

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 preferred, or equivalent including English 12, Algebra 11, or trade Mathematics 11, and
- Physics 11, or Science and Technology 11

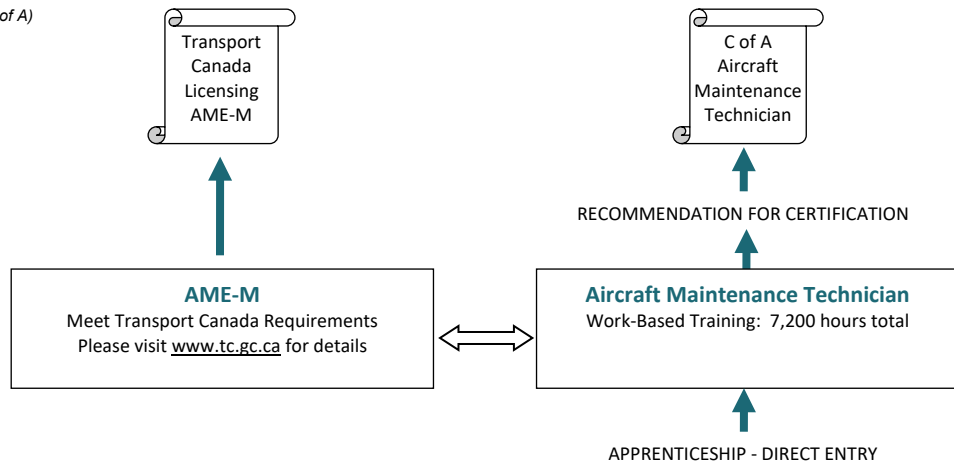
SkilledTradesBC Registration

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

Apprenticeship Pathway

This graphic provides an overview of the Aircraft Maintenance Technician apprenticeship and pathway.

*Certificate of Apprenticeship (C of A)
Work-Based Training (WBT)*



**Suggested duration based on 30-hour week*

CROSS-PROGRAM CREDITS

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

None

Apprenticeship Program Standards

Credentials Awarded

- Aircraft Maintenance Technician – Certificate of Apprenticeship

**SkilledTradesBC
Registration Prerequisites**

- Agreement signed by the employer to sponsor the apprentice

Completion Requirements

Certificate of Apprenticeship as an Aircraft Maintenance Technician is awarded upon successful completion of:

Requirement	Level of Achievement Required
Work-Based Training	▪ 7,200 hours
Recommendation for Certification	▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority

Sign-off Authority

Credentials eligible to sign-off on the Recommendation for Certificate of Apprenticeship:

- Transport Canada Aircraft Maintenance Engineer “M” License
- Aircraft Maintenance Technician Certificate of Apprenticeship

Challenging a Level

The following levels of technical training can be challenged for advanced placement in this program:

- None

Cross-Program Credits

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

Credential	Credit(s) Granted
N/A	N/A

Supporting Documents

Aircraft Maintenance Program Outline (2011) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from the SkilledTradesBC website.

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	Fax:	778-328-8701
Toll Free (within BC):	1-866-660-6011	Email:	customerservice@skilledtradesbc.ca
Website:	www.skilledtradesbc.ca		

Revision History

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

Program Standards Approved:	March 2002
Updated:	August 2006

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