Sheet Metal Worker

SCHOOL OF CONSTRUCTION

Overview

Learn how to design, fabricate, assemble, install and repair sheet metal products needed in various industries and settings.

You may work with various types of metal, including black and galvanized steel, copper, brass, nickel, stainless steel and aluminum, to craft a variety of products, including:

- heating, ventilating and air conditioning systems
- solar heating and cooling systems and all integral equipment
- metal showcases, display neon and metal signs
- metal cabinets, custom-built tables, counters and fixtures for hospitals, kitchen equipment and items for the food service and beverage industry
- electrical panels and related equipment
- metal shelving, lockers, window frames, metal doors and frames and toilet partitions
- flashing, coping, troughing and roof drainage systems
- custom or small-run fabrication of a variety of sheet metal items.

This is a compulsory trade, which means to work as a Sheet Metal Worker you must be a registered apprentice or journeyperson.

This is a dual certification trade. Along with your Sheet Metal journeyperson ticket, you'll also obtain a Gasfitter - Class B journeyperson ticket at the end of your training, allowing you to install and service all gas appliances up to 400,000 BTUs and install up to five-ton air conditioners.

Traits, skills and aptitudes

Sheet metal workers are skilled tradespeople who like collaborating with others and working independently.

This line of work is most fulfilling for those who enjoy working with their hands in various environments and developing specialized skills.

To succeed in this trade, you should:

- enjoy being creative and developing specialized skills
- have mechanical aptitude
- have good eye-hand coordination, spatial and form perception
- have a reasonable level of fitness to carry heavy tools and manual dexterity
- be able to visualize a finished product from a drawing
- have a good understanding of practical mathematics and geometry
- be able to stand for long periods
- be patient, dependable and accurate
- be comfortable working in a construction or shop environment
- have good communication skills
- be comfortable working alone or as part of a team
- be committed to maintaining safe working conditions.

Credentials

Upon successfully completing the required working hours and technical training periods, you'll be awarded an advanced diploma in addition to journeyperson status by Alberta's Apprenticeship and Industry Training.

Graduates will get Gasfitter B and Sheet Metal Worker Red Seal.

This is a Red Seal Endorsed trade – a recognizable standard that allows tradespeople to work across Canada.

Admission requirements

To enter an apprenticeship, you must have the educational qualifications required or recommended education for the trade to which you apply.

Entrance requirements are monitored and set by Alberta Apprenticeship and Industry Training.

Minimum requirements

Successful completion of the following courses:

- English 20-2
- Math 20-3
- Science 10

OR

A pass mark in all five Canadian General Educational Development (GED) or Canadian Adult Education Credential (CAEC) tests

OR

Alberta Apprenticeship and Industry Training Entrance exam.

Recommended requirements

Apprentices with an Alberta High School Diploma that includes the following courses:

- English 30-2
- Math 30-3
- Physics 30 OR Chemistry 30 OR Science 30
- Related career and technology studies (CTS) courses

Costs

2026/27 tuition and fees

The following costs are effective as of July 1, 2026.

Period	Number of weeks	Tuition fees	Additional fees	Total
1	10	$1,570	$377	$1,947
2	10	$1,570	$377	$1,947
3	10	$1,570	$377	$1,947
4	10	$1,570	$377	$1,947
			Total cost:	**$7,788**

The estimated total cost of tuition and fees in each period of technical training.

Books and Supplies

This is a bring-your-own-device program with standard computer hardware and software requirements. See the specific requirements on our computers and laptops page.

Books or modules, along with other items for classes, are approximately $600 per period.

We recommend you don't purchase books or modules ahead of time as they might be outdated by the time you attend classes, and they cannot be returned to the Bookstore.

This program requires personal protective equipment (PPE), which may be an additional cost.