



Carpenter

SCHOOL OF CONSTRUCTION

Overview

Learn to construct, renovate, erect and repair buildings and other structures made of wood, wood substitutes, steel and other materials.

You'll work in residential, commercial or industrial jobs reading drawings or getting instructions before doing layout, materials selection, planning sequences and methods of work. You'll measure and mark materials before cutting and shaping materials, join your materials with nails, screws, bolts or glue and check to make sure your work is level, square, plumb and the right size, shape and location.

In residential work, you will crib basements, build house frameworks, walls, roofs, exterior and interior finishes, and install doors, windows, flooring, cabinets, stairs, handrails, panelling and moulding. You may work with renovations, where you will repair and remodel existing structures.

In commercial or industrial work, you will assemble concrete forms, erect scaffolding, and build bridges, trestles, tunnels, shelters, towers and other structures.

Traits, skills and aptitudes

Carpenters are skilled tradespeople who are self-motivated and enjoy working collaboratively with others. This line of work is most fulfilling for those who enjoy working with their hands and in various environments.

To thrive in this career, it is important to have the following traits:

- be creative and have the ability to come up with unique solutions
- have strong problem-solving skills
- possess good verbal and written communication skills
- be proficient in using computers
- have the ability to quickly and accurately solve arithmetic problems
- be collaborative and adaptable to a team environment
- be physically capable of standing, crouching, and kneeling for extended periods
- possess good manual dexterity and balance for working on scaffolding and using proper lifting techniques
- have a strong commitment to safe work habits.

Credentials

Upon successfully completing the required working hours and apprenticeship education periods, graduates will be awarded an advanced diploma in addition to journey person status by Alberta's Apprenticeship and Industry Training.

Carpentry 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 10-2

- Math 10-3

OR

A pass mark in all five Canadian General Educational Development (GED) 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 20 OR Chemistry 20 OR Science 20
- Related career and technology studies (CTS) courses

Costs

2023/24 tuition and fees

The following costs are effective as of July 1, 2023.

Domestic Students

Period	Number of weeks	Tuition fees	Additional fees	Total
1	8	\$1,056	\$319	\$1,375
2	8	\$1,056	\$319	\$1,375
3	8	\$1,056	\$319	\$1,375
4	8	\$1,056	\$319	\$1,375
Total cost:				\$5,500

Books and Supplies

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

It's recommended 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.

Personal protective equipment (PPE) will be required for the program, which may be an additional cost to apprentices.