



Roofer

About this job

Roofers are safety minded, sure footed, and detail oriented. They are knowledgeable about a variety of appropriate materials, in some cases including new technologies such as “green” roofs. Roofers work as part of a team and enjoy outdoor work.



ROOFER FALLS UNDER NATIONAL OCCUPATION CLASSIFICATION
(NOC) CODE #7291/73110



- Four-year program
- Eligible for Red Seal Endorsement
- Requires out of the territory technical training
- Construction

\$69,900

Estimated Average Journeyperson Salary

APPRENTICESHIP, TRADES, AND OCCUPATIONAL CERTIFICATION

Aussi disponible en français

What can I expect to do for work if I become a Roofer?

Most flat roofs can be covered by a variety of substances and systems such as:

- conventional roof system (hot applied asphalt),
- elastomeric roof membrane system (rubber-like properties),
- thermo plastic roof membrane system, and
- modified bitumen roof membrane system (asphalt and plastic).

On the flat roofs of commercial and industrial buildings under construction, roofers:

- put a layer of vapour/air barrier and/or a layer of insulation on the roof deck,
- install roofing membranes, spread adhesives (hot and cold) over and under layers of roofing membranes, or apply single-ply membranes of waterproof rubber or thermoplastic compounds to make the system airtight, install metal or membrane flashing (strips) to protect the edges of the roofing materials.

Most sloped residential roofs are covered with shingles made of asphalt or fibreglass, concrete, clay, rubber, slate, wood shakes or metal. Roofers working on sloped roofs:

- apply membranes, fibreglass or felt over parts of the surface before applying shingles,
- nail shingles in overlapping rows,
- cement or nail flashing over the joints around vent pipes or chimneys, and
- cover exposed nail heads with cement to prevent rust and water leakage.

Roofers may also:

- inspect problem roofs to determine the best procedures for repairing them,
- estimate materials required, quote costs, and repair older roofs,

- waterproof roofs, basements, foundations, plaza decks or parkades, and
- install green/vegetated roof components, and incorporate new future roofing technology.

What kind of working conditions can I expect?

Roofers work outdoors on roofs of varying heights. When the weather is good and building activity is high, roofers may work considerable overtime.

What are some skills that are valued in this profession?

- be in good physical condition,
- be sure footed and able to work at heights
- possess the strength, stamina and the use of proper lifting techniques to lift heavy items, and
- be a team player and like working outdoors in a variety of weather conditions.

What is the minimum requirement to become an apprentice in this trade?

Apprentices must obtain a minimum of 70% on the Trades Entrance Exam – TEE Category #1 or the equivalent education as outlined below. This must be done before signing the Apprenticeship contract and attending training.

How long will it take to complete a Refrigeration and Air Conditioning Mechanic apprenticeship?

An apprenticeship takes about four years to complete and includes four on the job periods and four technical training periods. You need to complete 1800 hours per period, for a total of 7200 hours.

How long is technical training?

Apprentices will attend 960 technical training hours. Apprentices usually go to school for this program in **Alberta**.

Period	Technical Training ¹	Prerequisites for technical training	Hours ²
1st	6 Weeks 180 hours	Entrance Exam and 900 hours	1800
2nd	6 Weeks 180 hours	Completed 1 st Period	3600
3rd	6 Weeks 180 hours	Completed 2 nd Period	5400
4th	n/a	Completed 3 rd Period	7200

¹Length of In-School Training

²Minimum Time Required to Complete (Includes Technical Training)

Eligibility Requirements

Entrance Exam – Pass Exam 2 with a score of 70% or higher
or

- Completion of the following high school courses
- English 10-2 (pass) or Literacy 20 (65% or higher)
 - Math 10C (pass) or Math 10-3 (65% or higher)
 - Science 10 (pass)

or

All five Canadian General Educational Development (GED) tests

SCHOOLS NORTH APPRENTICESHIP PROGRAM (SNAP) - SNAP apprentices are not required to satisfy the entrance requirements prior to signing an apprenticeship contract. However, the SNAP apprentice must satisfy the entrance requirements or write the TEE before attending technical training.

For more information:

www.gov.nt.ca/Apprenticeship