



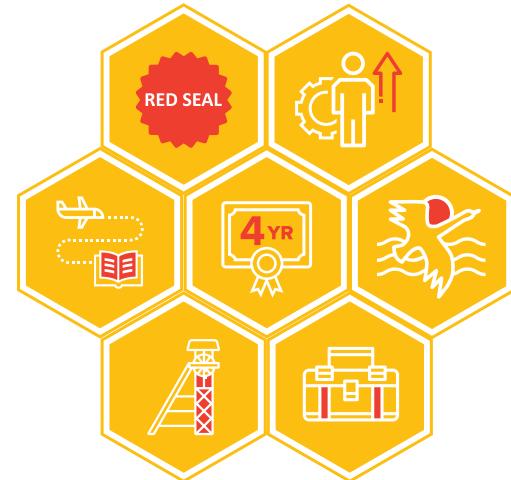
Plumber

About this job

Plumbers provide a critical service, installing, servicing, and maintaining the safety of some of the most relied-upon systems in our communities. Plumbing professionals often work independently, but on certain projects may work in association with other trades professionals.



PLUMBER FALLS UNDER NATIONAL OCCUPATION CLASSIFICATION
(NOC) CODE #7251/72300



- **Four-year program**
- **Eligible for Red Seal Endorsement**
- **Requires out of the territory technical training**
- **Aurora College**
- **High Demand Trade**
- **Mining**
- **Construction**

\$97,700

Estimated Average Journeyperson Salary

APPRENTICESHIP, TRADES, AND OCCUPATIONAL CERTIFICATION

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

Plumbers plan, install and service plumbing systems, fixtures, piping equipment and controls. These piping systems may be used to transport water, waste, gases or hot liquids. On a typical construction job, plumbers do the roughing in after the frame and roof of a new building are in place. Plumbers return to the construction site to do the finishing work of installing sinks, tubs and toilets.

They may also:

- study the building plans and specifications to determine the layout for the plumbing,
- locate and mark the positions for connections and fixtures,
- cut holes through walls and floors to accommodate pipes,
- select the type and size of pipe required and measure, cut, thread, bend, clamp, solvent cement or solder pipe,
- assemble and install valves and fittings,
- join pipe sections and secure them in position,
- test pipe systems for leaks,
- install underground storm sanitary and water piping system,
- installing water conditioners,
- installing plumbing in houses under construction;
- installing plumbing in commercial, institutional, industrial or public buildings,
- renovating, maintaining and repairing existing plumbing, and
- installing hydronic heating & chilled water systems.

What kind of working conditions can I expect?

The working conditions for plumbers vary from one job to another. There is little protection from the weather when a plumber is roughing-in, more protection for finishing, and

often comfortable conditions for maintenance and repair work. In smaller communities, plumbers generally do a wider variety of plumbing and plumbing-related jobs such as installing private sewage disposal systems and potable water distribution systems. There may be some risk of injury involved in working with rough metals, power tools and pipe-joining equipment.

What are some skills that are valued in this profession?

- physical stamina required to: safely lift heavy pipes weighing in excess of 25 kilograms, be on your feet for long periods, and work in cramped positions,
- mechanical ability, and
- the ability to work alone or with others.

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 #2 or the equivalent education as outlined below. This must be done before signing the Apprenticeship contract and attending technical training.

How long will it take to complete a Plumber 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 the first block of this program at Aurora College in **Fort Smith, NT** and to **Alberta** for the final blocks.

Period	Technical Training ¹	Prerequisites for technical training	Hours ²
1st	8 Weeks 240 hours	Entrance Exam and 900 hours	1800
2nd	8 Weeks 240 hours	Completed 1 st Period	3600
3rd	8 Weeks 240 hours	Completed 2 nd Period	5400
4th	8 Weeks 240 hours	Completed 3 rd Period	7200

¹Length of In-School Training

²Minimum Time Required to Complete (Includes Technical Training)

For more information:

www.gov.nt.ca/Apprenticeship