



Parts Technician - Materials Technician

About this job

Parts technicians are detail oriented, organized, and meticulous. They possess good math, communication, and computer skills. The trade has opportunities in a wide variety of industries including automotive, industrial, plumbing, and electrical.



- Three-year program
- Requires out of the territory technical training
- Manufacturing



**PARTS TECHNICIAN HOLDS NATIONAL OCCUPATION
CLASSIFICATION (NOC) CODE #1522/14401**

\$97,700

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 Parts Technician - Materials?

Materials technicians are involved in the movement of materials in a wide variety of industries including agriculture, forestry, health, manufacturing, mining, oil and gas, transportation and retail industries. They are employed by organizations that produce, process, and retail a wide variety of products. Job requirements and responsibilities can vary considerably from one job to another. In general, a materials technician:

- prepares, generates, picks and ships orders,
- receives shipments and ensures that they are complete and in good order,
- processes customer and supplier returns,
- applies inventory management practices and maintains accurate inventory records,
- schedules and arranges transportation of materials using rail, air or road,
- calculates transportation costs and prepares transportation documents,
- maintains material identification records inventory,
- interacts with internal and external customers,
- operates material handling equipment (dollies, pallet jacks, forklifts, cranes, conveyors),
- supervises warehouse personnel,
- participates in business operations, warehouse planning, and safety programs,
- participate in safety programs, and
- practice Total Quality Management (TQM).

What kind of working conditions can I expect?

Materials technicians work primarily indoors, in office and warehouse environments, but may also work outdoors in all weather conditions. The work may be physically

demanding, requiring individuals to stand for long periods of time. Most materials technicians work a 40-hour week, however, in large warehouses they may work shifts.

What are some skills that are valued in this profession?

The work appeals to people who enjoy taking a methodical approach to their work, operating handling equipment, and keeping detailed records.

- physical strength, stamina, and manual dexterity,
- the ability to use proper lifting techniques to lift items up to 18 kilograms,
- the ability to work independently,
- good math, communication and computer skills, and
- the ability to get along well with customers and fellow workers.

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 technical training.

How long will it take to complete a Parts Technician - Materials apprenticeship?

An apprenticeship takes about three years to complete, and includes three on the job periods and three technical training periods. You need to complete 1800 hours per period, for a total of 5400 hours.

How long is technical training?

Apprentices will attend 600 technical training hours. Apprentices usually go to school for this program in **Alberta. Parts Technician - Materials** shares its first and third rounds of technical training with **Parts Technician – Parts**.

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

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