Parts/Materials Technician

SCHOOL OF TRANSPORTATION

Overview

Learn to manage and dispense parts inventories, handle stock, and identify and catalogue parts and assemblies in various industries like automotive, heavy-duty, farm implement, industrial, recreational vehicles, plumbing, electrical and more.

There are two specializations for this trade:

- **Parts technician:** you'll sell supplies and parts, order parts, keep inventories, receive supplies, catalogue parts, organize returns, maintain records, submit bills, prepare statements and receive payments. These duties depend on the size of the wholesale, retail or warehouse distribution business and the types of parts involved.
- **Materials technician:** you'll prepare and ship orders, process returns, complete inventory processes in place, interact with customers, handle products, operate equipment and calculate transportation costs.

Traits, skills and aptitudes

Parts and materials technicians are skilled tradespeople who are motivated and enjoy working with people. This line of work is most fulfilling for those who enjoy business practices.

To succeed in this trade, you should:

- have good physical strength, manual dexterity and stamina
- be organized and analytical
- be capable of working independently
- have math, communication and computer skills
- get along well with customers and fellow workers.

Credentials

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

Parts Technician 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

2026/27 tuition and fees

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

Materials Technician

Period	Number of weeks	Tuition fees	Additional fees	Total
1	6	$942	$338	$1,280
2	6	$942	$338	$1,280
3	6	$942	$338	$1,280
			Total cost:	**$3,840**

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

Parts Technician

Period	Number of weeks	Tuition fees	Additional fees	Total
1	6	$942	$338	$1,280
2	8	$1,256	$357.50	$1,613.50
3	6	$942	$338	$1,280
			Total cost:	**$4,173.50**

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 a standard computer hardware and software requirement. 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.

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