Recreation Vehicle Service Technician

SCHOOL OF TRANSPORTATION

Overview

Learn to install, repair and maintain interior and exterior components on motorhomes, travel trailers, fifth-wheel trailers, truck campers, tent trailers and van conversions.

If you like a variety of work and have an aptitude for mechanical and electronic work and problem-solving – you'll enjoy a career as a recreation vehicle service technician.

Duties may include:

- installing accessories
- performing pre-delivery inspections
- writing repair estimates and reading and writing repair orders
- troubleshooting, repairs and maintenance of propane gas and electric appliances such as furnaces, refrigerators, water heaters, ranges and air conditioners
- repairing fibreglass, body and structural components
- installing, repairing, replacing and maintaining roofs, siding, windows, doors, vents, awnings, floor coverings, cabinets, counters, plumbing and electrical systems, propane gas systems, batteries and charging systems.

You may also install trailer and fifth-wheel hitches and wire tow vehicles, as well as perform maintenance and repairs on trailer frames, undercarriage and suspension.

Recreation vehicle service technicians typically:

- inspect, troubleshoot and diagnose units needing repairs and maintenance
- use testing equipment, troubleshooting techniques, manufacturers' specifications and websites to locate faults and perform repairs
- order repair parts and components using manuals, catalogues and websites
- use computerized and electronic devices for testing components
- communicate with supervisors, manufacturers and consumers to ensure timely, efficient and economical repairs
- dismantle faculty assemblies, repair or replace worn and damaged parts.

To work in this trade, certification is required. This means that you must either be a registered apprentice working under the guidance of a certified journeyperson or you must be a certified journeyperson yourself.

Traits, skills and aptitudes

Recreational vehicle service technicians are skilled tradespeople who are self-motivated and enjoy working on various tasks.

This line of work is most fulfilling for those who enjoy being creative, working with their hands and have an aptitude for mechanics, electrical and more.

To succeed in this trade, you should:

- have good manual dexterity and balance
- have the strength, stamina and ability to use proper lifting techniques to lift items over 25 kilograms
- have mechanical, electrical and electronic aptitude
- enjoy troubleshooting and problem-solving
- have good communication, organizational and learning skills
- be capable of working either independently or as a team member
- take pride in workmanship
- find reward in building your skills and ability
- be committed to safe work habits.

Credentials

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

This 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
- Science 10

OR

A pass mark in all five Canadian General Educational Development (GED) or Canadian Adult Education Credential (CAEC) 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.

Period	Number of weeks	Tuition fees	Additional fees	Total
1	8	$1,256	$357.50	$1,613.50
2	8	$1,256	$357.50	$1,613.50
3	8	$1,256	$357.50	$1,613.50
			Total cost:	**$4,840.50**

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 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 $300.

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. Books and supplies for the first, second and third periods are purchased at SAIT's Point Trotter campus.

This program requires personal protective equipment (PPE), which may be an additional cost.