



Employers: are you ready for RAP?

Employers looking for fresh, eager employees will want to consider RAP apprentices. It's a great way to ensure your employees are trained the right way from the beginning, and the flexibility of the program allows you to fill your schedules.

If you are an employer interested in hiring a RAP apprentice, follow these simple steps:

Find your match

Find a high school student who is ready to work, and eager to learn your business. You can contact a local RAP coordinator or school counsellor to connect you with a student looking for employment.

Fill out the forms

After the RAP apprentice completes the online application, you will be notified by email. Complete the employer portion of the online RAP apprenticeship application to verify the application and agree to the terms and conditions.

Let the training begin!

Working with your RAP apprentice and his or her school, develop a schedule that works for everyone. You are required to pay at least minimum wage, provide supervised training and update your apprentice's record book. The Government of Alberta is responsible for a RAP apprentice's Workers' Compensation coverage.

1 I'm ready. Now what?

High school students interested in pursuing RAP need to follow these steps:

Pick a trade

There are approximately 50 trades available in Alberta – find your match at tradesecrets.alberta.ca. No matter what your interests are – carpentry, construction, mechanics, welding, cooking – there is a trade for you.

Find an employer

The next step is to find an employer to hire and train you as a RAP apprentice. Your school counsellor, local RAP coordinator or Apprenticeship and Industry Training office can help you.

Fill out the forms

Complete the online RAP apprenticeship application at tradesecrets.alberta.ca. Once you submit your application, your employer will be sent an email with instructions to access your application for confirmation of your RAP apprenticeship.

If your school doesn't offer RAP, contact Apprenticeship and Industry Training for information on how you can become a RAP apprentice.

2 Start learning and earning.

Work with your employer and your school to develop a schedule. RAP is flexible, meaning that you can work as an apprentice part-time throughout the year or choose to work weekends and holidays to complete your hands-on work experience. As you start working, you will focus on safely learning required skills for your trade.

As you learn, you earn – both high school credits and wages! And as a RAP apprentice, you also have scholarship opportunities available to you.

3 Get certified!

After high school, continue to work and train in your trade with the goal of becoming certified! About 80 per cent of your time will be spent working on the job. The rest of your time will be spent at a technical institute or college. After completing all necessary work hours and technical training, you will become a certified journeyman.

As a journeyman, your future is limitless. You will be more employable, earn a better income and have skills and knowledge you can carry into a variety of areas like management, further education and self-employment.

**Don't wait – start earning
your certificate today!**

Visit tradesecrets.alberta.ca for more information.

Are you ready for RAP?

Are you focused and motivated? RAP lets you get a head-start on your career by helping you learn a trade as early as Grade 10.

You will have an employer eager to give you an inside look at your chosen trade. This valuable work experience will help you decide if that trade is right for you while you earn credits towards your high school diploma – and wages too!

Follow your passion and start building your trades career today!

Find out how to get started in your new career today!

Visit our website or contact Apprenticeship and Industry Training at 1-800-248-4823 (1-800-AIT-4823) toll free in North America. Outside North America, dial +1-403-476-9757 (long distance charges will apply).

Apprenticeship and Industry Training office locations:

Bonnyville
Provincial Building, Floor 2
Box 8115, 4902 - 50 Avenue
T9N 2J4

Calgary
Willow Park Centre, Suite
200, Floor 2
10325 Bonaventure Drive SE
T2J 7E4

Edmonton
Seventh Street Plaza, South
Tower, Floor 7
10030 - 107 Street
T5J 4X7

Fort McMurray
Provincial Building, Floor 7
Box 19, 9915 Franklin
Avenue T9H 2K4

Grande Prairie
Towne Centre Mall, Suite 100
9845 - 99 Avenue
T8V 0R3

Hinton
564A Carmichael Lane
T7V 1S8

Lethbridge
Provincial Building,
Room 280, Floor 2
200 - 5 Avenue South
T1J 4L1

Medicine Hat
3021 Dunmore Road SE
T1B 2H2

Peace River
Midwest Building
Bag 900-28
9715 - 100 Street
T8S 1T4

Red Deer
First Red Deer Place, Floor 3
4911 - 51 Street
T4N 6V4

Slave Lake
Slave Lake Government
Centre, Suite 109
Box 787, 101 - 3 Street
T0G 2A0

Vermilion
Provincial Building, Floor 1
Box 26, 4701 - 52 Street
T9X 1J9

tradesecrets.alberta.ca

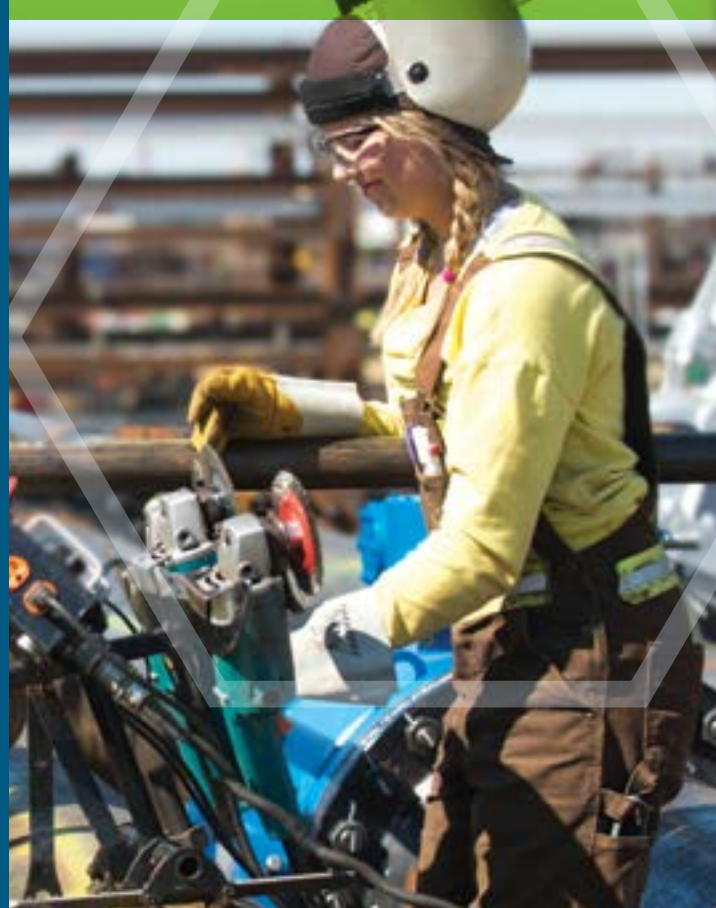


Apprenticeship
and Industry
Training

RAP

Registered Apprenticeship Program

Your ticket to a great career.



Alberta
Trades.
World
Ready.



Apprenticeship
and Industry
Training

Updated January 2020

Alberta apprenticeship trades

Check out designated occupations at tradesecrets.alberta.ca

Alberta Trades. World Ready.



● Agricultural Equipment Technician

Maintains, repairs and overhauls agricultural equipment
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Appliance Service Technician

Installs, services and repairs appliances
Length of Program
 > 3 years
 > three 8-week in-class sessions

● **Commercial Appliance Service Technician**
 Installs, services and repairs commercial appliances
Length of Program
 > 3 years
 > two 8-week in-class sessions

● Auto Body Technician

Repairs and replaces damaged motor vehicle structures and body parts, including interior and exterior finishes
Length of Program
 > 4 years
 > two 6-week and two 7-week in-class sessions

● Auto Body Prepper

Restores anti-corrosion treatments, and conducts substrate identification, surface preparation, undercoat product mixing and application
Length of Program
 > 2 years
 > one 6-week in-class session

● Auto Body Refinisher

Performs damage appraisals, surface preparation, minor damage repairs, masking, colour matching, priming and top coating
Length of Program
 > 2 years
 > two 6-week in-class sessions

● Auto Body Repairer

Performs damage appraisals, frame and unibody structural repairs, body sheet-metal work, plastic repairs, component replacement and alignment
Length of Program
 > 3 years
 > one 6-week and two 7-week in-class sessions

● Automotive Service Technician

Diagnoses and repairs motor vehicles, including cars and light trucks
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Baker

Prepares and bakes breads, cakes, cookies, pastries, pies and other baked goods
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Boilermaker

Builds, erects, repairs, tests and maintains all types of boilers, tanks and pressure vessels
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Bricklayer

Prepares and lays brick and other masonry units to construct and repair structures
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Cabinetmaker

Builds and repairs custom or production-type cabinets and furniture, and architectural millwork
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Carpenter

Constructs, erects and repairs buildings and other structures made of wood, wood substitutes, steel and other materials
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Communication Technician

Installs, maintains, removes and/or repairs wiring networks, communication equipment and specialized wireless equipment
Length of Program
 > 4 years
 > three 6-week and one 8-week in-class sessions

● Concrete Finisher

Places and finishes concrete floors, driveways, sidewalks, curbs, bridge decks and other concrete structures
Length of Program
 > 3 years
 > two 4-week in-class sessions

● Cook

Prepares food in eating establishments, plans menus, monitors nutritional components, and manages the kitchen and associated food costs.
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Crane and Hoisting Equipment Operator

● **Boom Truck Operator**
 Sets up, services and operates hydraulic booms that are mounted on revolving platforms attached to trucks
Length of Program
 > 1 year
 > one 6-week in-class session

● Mobile Crane Operator

Services and operates booms that are mounted on crawlers or wheeled frames; and traveling, fixed or climbing type hoisting equipment with a vertical mast or tower and a jib
Length of Program
 > 3 years
 > two 6-week in-class sessions

● Tower Crane Operator

Services and operates traveling, fixed, climbing or self-erecting type hoisting equipment with a vertical mast or tower and a jib
Length of Program
 > 2 years
 > one 6-week in-class session

● Wellhead Boom Truck Operator

Sets up and operates hydraulic booms used for wellhead pumping, wireline, perforating, coiled tubing, snubbing, and the rig-up and rig-out of slant service rig operations
Length of Program
 > 1 year
 > one 5-day in-class session

● Electric Motor Systems Technician

Tests, rebuilds and repairs electric motors, generators, transformers, controllers and related electrical and mechanical equipment
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Electrician

Installs, alters, repairs and maintains electrical systems for all types of buildings, structures and premises
Length of Program
 > 4 years
 > three 8-week and one 12-week in-class sessions

● Elevator Constructor

Installs, modifies, services and repairs electric and hydraulic elevators, personnel and man-hoists, moving walkways, stage lifts, escalators and related equipment
Length of Program
 > 4 years

● Floorcovering Installer

Installs many types of floor coverings in buildings
Length of Program
 > 2 years
 > two 7-week in-class sessions

● Gasfitter

● **Gasfitter - Class A**
 Sizes, installs, tests, adjusts and services natural gas and propane equipment ranging from residential furnaces to industrial boilers
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Gasfitter - Class B

Sizes, installs, tests, adjusts and services natural gas and propane equipment ranging from residential furnaces to industrial boilers not exceeding 400,000 British Thermal Units (BTUs)
Length of Program
 > 2 years
 > two 8-week in-class sessions

● Glazier

Cuts and installs glass and aluminum systems for commercial, residential and automotive applications
Length of Program
 > 4 years
 > four 6-week in-class sessions

● Hairstylist

Cuts and styles hair to suit the client's face and lifestyle
Length of Program
 > 2 years
 > two 10-week in-class sessions

● Heavy Equipment Technician

Performs all the tasks described below under Heavy Duty Equipment Mechanic (Off-Road), Transport Trailer Mechanic and Truck and Transport Mechanic
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Heavy Duty Equipment Mechanic (Off-Road)

Maintains, repairs and overhauls large off-road and industrial equipment such as bulldozers and graders
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Transport Trailer Mechanic

Maintains, repairs and overhauls commercial transport trailers
Length of Program
 > 2 years
 > one 8-week in-class session

● Truck and Transport Mechanic

Maintains, repairs and overhauls on-highway vehicles such as semi-trucks and buses
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Industrial Mechanic (Millwright)

Installs, maintains, repairs and troubleshoots stationary industrial machinery and mechanical equipment
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Instrumentation and Control Technician

Installs, maintains and repairs the measuring and control instruments used in industrial and commercial processing
Length of Program
 > 4 years
 > two 8-week and two 10-week in-class sessions

● Insulator (Heat and Frost)

Applies, removes and repairs thermal and acoustical insulation on all types of industrial equipment
Length of Program
 > 3 years
 > three 7-week in-class sessions

● Ironworker

● **Metal Building Systems Erector**
 Fabricates, constructs and joins scaffolding, erects pre-engineered buildings, and performs reconstructive work on existing structures
Length of Program
 > 2 years
 > two 6-week in-class sessions

● Ironworker (Structural/Ornamental)

Fabricates, constructs and joins scaffolding, structural steel buildings, bridges, ornamental ironwork and pre-cast structures
Length of Program
 > 3 years
 > three 6-week in-class sessions

● Ironworker (Reinforcing)

Places and ties reinforcing material, joins scaffolding, and performs post tensioning
Length of Program
 > 2 years
 > two 6-week in-class sessions

● Landscape Horticulturist

Carries out landscaping operations including construction, maintenance and selecting and installing plants, trees, grass and irrigation systems
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Lather (Interior Systems Mechanic)

Installs a wide variety of wall and ceiling systems and exterior finishes, bringing various buildings to a completed state
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Locksmith

Installs, adjusts and repairs locks, makes keys, and changes lock combinations; works on lock sets and door hardware
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Machinist

Sets up and operates precision metal cutting and grinding machines to make and repair products made from metals, plastics, rubber, textiles, fiberglass and other materials
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Metal Fabricator (Fitter)

Lays out, prepares and assembles structural steel, metal vessels, containers and miscellaneous components
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Motorcycle Mechanic

Assembles, maintains, repairs and restores motorcycles and other lightweight all-terrain vehicles with astride seating and handlebar controls
Length of Program
 > 4 years
 > two 8-week and two 6-week in-class sessions

● Natural Gas Compression Technician

Installs, commissions, maintains and repairs equipment used to gather, store and transmit natural gas
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Outdoor Power Equipment Technician

● **Power Equipment**
 Repairs and maintains aerators, air compressors, chippers, compaction equipment, generators, lawn tractors, mowers, chain saws, seeders, sprayers, snow removal equipment, golf carts and utility vehicles
Length of Program
 > 3 years
 > one 6-week and two 8-week in-class sessions

● Recreational Equipment

Repairs and maintains recreational equipment such as boats, trailers, snow mobiles and off-road multi-wheeled vehicles other than motorcycles
Length of Program
 > 3 years
 > one 6-week and two 8-week in-class sessions

● Painter and Decorator

Applies paint, wall coverings and other finishes to interior and exterior surfaces of buildings and other structures
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Parts Technician

● **Parts Technician**
 Manages and dispenses parts and goods in wholesale and retail businesses
Length of Program
 > 3 years
 > two 6-week and one 8-week in-class sessions

● Materials Technician

Manages and dispenses parts and goods in bulk, wholesale and warehousing operations
Length of Program
 > 3 years
 > three 6-week in-class sessions

● Plumber

Plans, installs and services plumbing systems, fixtures, piping equipment and controls. Training also includes Gasfitter - Class B certification
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Powerline Technician

Constructs, maintains or operates electrical distribution systems
Length of Program
 > 4 years
 > three 7-week in-class sessions

● Power System Electrician

Installs, maintains and repairs electrical generation systems
Length of Program
 > 4 years
 > two 7-week and two 8-week in-class sessions*

● Recreation Vehicle Service Technician

Installs, repairs and maintains interior and exterior components on motor homes, trailers and campers
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Refrigeration and Air Conditioning Mechanic

Installs, maintains, repairs and overhauls refrigeration and air conditioning systems and their component parts
Length of Program
 > 4 years
 > four 8-week in-class sessions

● Rig Technician

● **Motorhand**
 Regularly maintains drilling rig engines and other mechanical equipment working under the direct supervision of the Derrickhand and Driller.
Length of Program
 > 1 year
 > one 4-week in-class session

● Derrickhand

Operates and maintains drilling fluid systems and pumps. Works under the direction of the Driller and supervises the Motorhand.
Length of Program
 > 2 years
 > two 4-week in-class sessions

● Rig Technician

Also known as the Driller, they operate draw-works, rotary equipment and pumps. Supervises and trains the rig crew.
Length of Program
 > 3 years
 > three 4-week in-class sessions

● Roofer

Prepares and applies protective coverings to flat and sloped roof surfaces
Length of Program
 > 4 years
 > three 6-week in-class sessions

● Sheet Metal Worker

Designs, fabricates, assembles, installs and repairs sheet metal products required in a wide variety of industries and settings. Training also includes Gasfitter - Class B certification
Length of Program
 > 4 years
 > four 10-week in-class sessions

● Sprinkler Systems Installer

Fabricates, installs, tests, maintains, inspects and repairs sprinkler systems
Length of Program
 > 4 years
 > three 8-week in-class sessions

● Steamfitter-Pipefitter

Lays out, assembles, fabricates, maintains and repairs piping systems which carry water, steam, chemicals or fuel used in heating, cooling, lubricating and other processes
Length of Program
 > 4 years
 > Four 8-week in-class sessions

● Tiler

Covers, repairs and decorates walls, floors and other surfaces using ceramic, mosaic, marble and quarry tile, slate, stone, terrazzo or granite.
Length of Program
 > 3 years
 > two 8-week in-class sessions

● Transport Refrigeration Technician

Installs and repairs heating and cooling equipment in mobile units used to haul perishable cargo
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Water Well Driller

Sets up and operates drilling rigs and develops, maintains and decommissions water wells
Length of Program
 > 2 years
 > two 6-week in-class sessions

● Earth Loop Technician

Sets up and operates mobile drilling rigs or trenching equipment used to construct residential and commercial earth loops for heating and cooling.
Length of Program
 > 2 years
 > two 6-week in-class sessions

● Welder

Applies heat to metal pieces to melt and/or fuse them together using all welding processes and fillers
Length of Program
 > 3 years
 > three 8-week in-class sessions

● Wire Process Operator

Applies heat to metal and/or fuse metal pieces together using specific wire feed welding processes
Length of Program
 > 2 years
 > one 8-week in-class session

Updated September 2019

- Trades in which a Red Seal endorsement is available. The Red Seal is recognized as a standard of excellence for skilled trades in Canada and internationally. Red Seal endorsement is well-recognized and respected by employers.
- Compulsory certification trade. People working in these trades must be a registered apprentice or a certified journeyperson.
- Represents the branches of a trade for an apprenticeship program.

Length of Program Methods of delivering technical training to apprentices can vary. In some trades and in certain regions, technical training referred to as 'in-class sessions' may be available in forms such as one-day-a-week, evening or weekend, on-site training, or in various forms of distance learning. Check with your nearest Apprenticeship and Industry Training office for details.



Apprenticeship and Industry Training