

## 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](http://tradesecrets.alberta.ca)

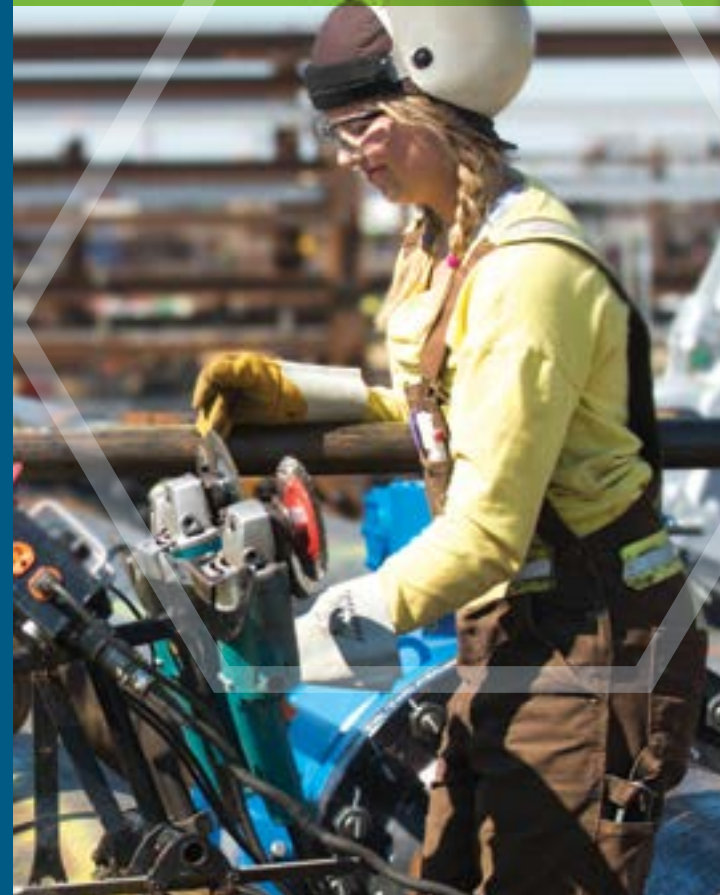
Alberta  
Government



# RAP

## Registered Apprenticeship Program

Your ticket to a great career.



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Alberta  
Trades.  
World  
Ready.

## 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](http://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](http://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!**

## 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.

Visit [tradesecrets.alberta.ca](http://tradesecrets.alberta.ca) for more information.



# Alberta apprenticeship trades

Check out designated occupations at [tradesecrets.alberta.ca](http://tradesecrets.alberta.ca)

Alberta Trades. World Ready.

"RAP opened a lot of doors for me to the trades, provided the hands-on learning opportunities I prefer and gave me a head start on my career."

Jason Ellik, Heavy Equipment Technician Apprentice and RAP Scholarship Recipient.

## ● 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, and interior and exterior finishes  
*Length of Program*  
› 4 years  
› one 4-week, one 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 4-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  
› one 4-week and one 6-week in-class session

## Ⓐ 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 4-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**  
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

Ⓐ 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

Ⓐ 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

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 (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 (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

## ● Instrument 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

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

Ⓐ Fabricates, constructs and joins scaffolding, structural steel buildings, bridges, ornamental ironwork and pre-cast structures  
*Length of Program*  
› 4 years  
› four 6-week in-class sessions

## Ⓐ Metal Building Systems Erector

Fabricates, constructs and joins scaffolding; works on one-story, steel-framed metal buildings  
*Length of Program*  
› 2 years  
› two 6-week in-class sessions

## ● 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

## ● Reinforcing

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

## ● Landscape Gardener

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*  
› 4 years  
› four 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

## ● Millwright

Installs, maintains, repairs and troubleshoots stationary industrial machinery and mechanical equipment  
*Length of Program*  
› 4 years  
› four 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  
*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

Ⓐ Operates oil and gas drilling rigs  
*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  
*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*  
› 3 years  
› three 8-week in-class sessions

## ● Structural Steel and Plate Fitter

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

## ● Tilesetter

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, cut or fuse them together  
*Length of Program*  
› 3 years  
› three 8-week in-class sessions

## Ⓐ Wire Process Operator

Joins components and sub-assemblies to make various items using a variety of construction materials  
*Length of Program*  
› 2 years  
› one 8-week in-class session

● 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 journeyman.

*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.