

Become an Alberta-certified journeyman.



"I've always enjoyed working with tile and stone. To many tilesetters, this trade is an art. A front entrance in multi-coloured slate or a large profile travertine with a gloss finish can make people want to toss out their throw rug, and I take a lot of pride in that."

Matt Pocock, Certified Journeyman Tilesetter

It's all in the numbers.

92% 92% of employers surveyed in 2012 expressed satisfaction with the skills of certified journeymen.

96% According to a 2011-2012 survey, 96% of apprenticeship graduates in the labour force were employed, and 94% of those who were employed were working in the trade in which they completed an apprenticeship.

96% of apprentice graduates in 2011-2012 said that if they had to do it again they would still choose to become an apprentice.

Get started!

Once you have done a little research to figure out which trade is right for you, becoming an apprentice takes only a few more steps.

1. Find an employer

The first step is to find an employer willing to hire and train you as an apprentice. Visit tradesecrets.alberta.ca for tips on getting started.

2. Complete the online apprenticeship application and contract

As an apprentice you must enter into an apprenticeship contract with your employer. By doing this, you are agreeing to be responsible for completing both on-the-job and technical training. Your employer is agreeing to provide on-the-job training in the trade, pay you a percentage of a journeyman's wage, increase your pay as you progress through the program and allow you to attend your training.

3. Start learning on the job

The best way to learn is by doing, and that is exactly what you do as an apprentice. Working side by side with a certified tradesperson is an integral part of your experience. You must complete a required number of hours that are logged in a record book and submitted to your local Apprenticeship and Industry Training office.

4. Attend technical training

In addition to your hands-on training, you will spend four to 12 weeks per year in technical training at a college or technical institute. Check the list in this brochure to learn more about the technical training component of your apprenticeship program. During this training, you may be eligible for scholarships, employment insurance benefits and grants.

5. Become a certified journeyman

When you complete your apprenticeship program, you will become a certified journeyman – your ticket to a great career! As a certified journeyman you are more employable, earn higher wages, and you have proven that you meet Alberta's high industry standards.

Don't wait! Get started today!

Visit tradesecrets.alberta.ca, call the Apprenticeship and Industry Training Information Line (1-800-248-4823), or visit one of the local offices listed on the back of this brochure.

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

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

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

Medicine Hat
3021 Dunmore Road SE
T1B 2H2

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

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

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

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

Grande Prairie
Towne Centre Mall, Suite 109
9845 - 99 Avenue
T8V 0R3

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

Hinton
564A Carmichael Lane
T7V 1S8

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

tradesecrets.alberta.ca

Alberta
Government

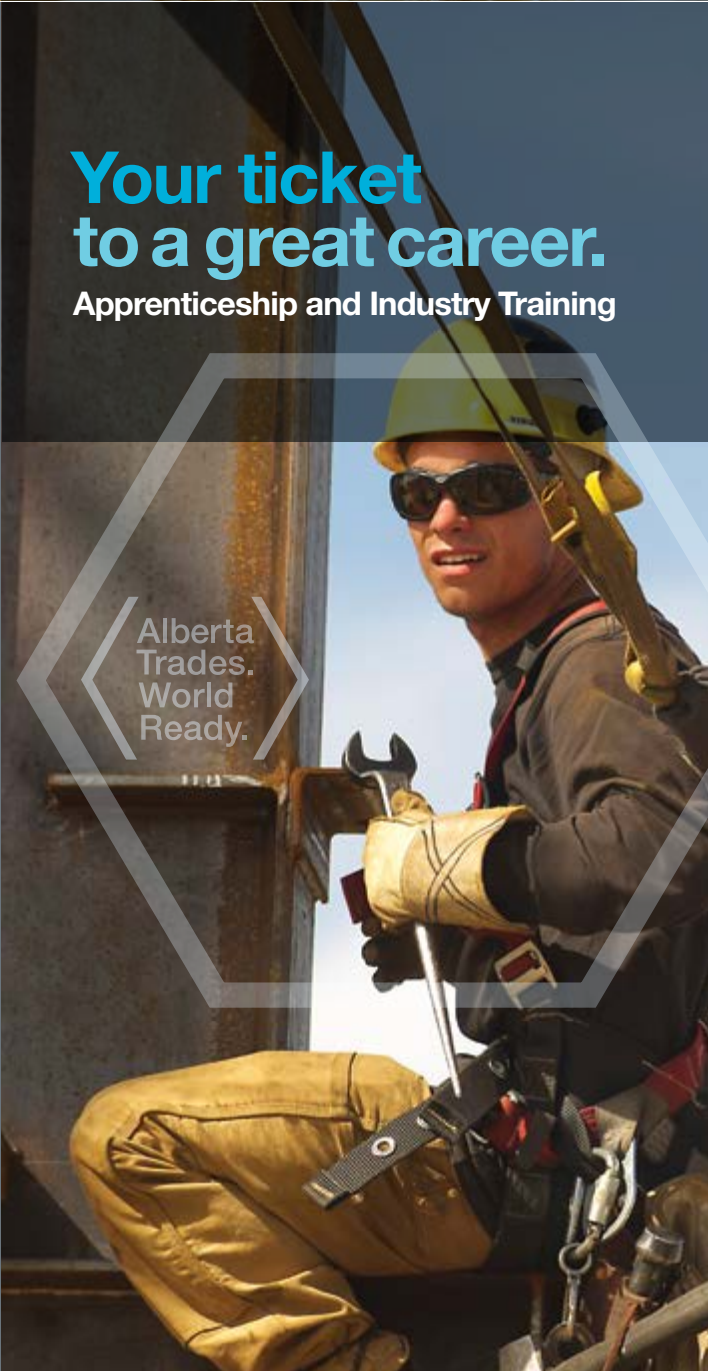


Apprenticeship
and Industry
Training

Your ticket to a great career.

Apprenticeship and Industry Training

Alberta
Trades.
World
Ready.



Alberta trades – More than a job.

The difference between a job and a career is hard to measure. Usually a job is temporary, a means to an end. A career is something you build over time, through education and experience. As an apprentice that's exactly what you'll do – combine on-the-job training with technical training to build a skill set able to carry you through your working life.

Certified journeymen have the foundation for a lifelong career with endless possibilities. Take your certificate and grow – continue your training into another trade, open your own business, become an educator, move into management – there's no limit to your options.

"Some people think that if you work in the trades you ended up there by default, but that's wrong. I'm challenged more working in the trades than I ever was in an office."

Tamara Fleming Certified Journeyman Welder

Alberta
Government



Apprenticeship
and Industry
Training

Alberta apprenticeship trades

Check out designated occupations at tradesecrets.alberta.ca

Alberta Trades. World Ready.



"My career in the trades has given me skills and knowledge that will be with me for life."

Ken Bird, Vice President
Innovation and Technologies,
Weldco Companies



● 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.