



A Journey to Success: Apprenticeship Opportunities

*Excellence Through
Training and Experience*

Alberta

ADVANCED EDUCATION AND
CAREER DEVELOPMENT

Find us on the internet at:
<http://www.gov.ab.ca/dept/aecd.html>

Apprenticeship Trades

Name of Trade	Description	Length of Program
Agricultural Mechanic	Services, repairs and sets up agricultural machines	2 years including two 10-week in-class sessions
Appliance Serviceman (C)	Repairs and services household appliances	3 years including two 8-week and one 6-week in-class sessions
Auto Body Technician (C)(R)	Repairs and refinishes automobile bodies	3 years including three 8-week in-class sessions
Automotive Service Technician (C)(R)	Services and repairs automobiles	4 years including four 8-week in-class sessions
Baker (R)	Makes bread, pastries, cookies and cakes	3 years including three 8-week in-class sessions
Boilermaker (C)(R)	Builds, tests and repairs air-tight and liquid-tight containers	3 years including four 6-week in-class sessions
Bricklayer (R)	Lays brick, hollow tile and concrete block for buildings or other structures	3 years including one 12-week and two 6-week in-class sessions
Cabinetmaker	Builds custom or production-type fixtures and furniture of wood and wood substitutes	4 years including four 8-week in-class sessions
Carpenter (R)	Works with wood and wood substitutes in the construction of buildings and other structures	4 years including four 8-week in-class sessions
Concrete Finisher	Places, finishes, cuts and repairs concrete	3 years including two 4-week in-class sessions
Communication Electrician	Installs, services and repairs telephone equipment and related communication systems	
Construction Craft	Installs, tests and maintains cabling on poles, in manholes, cable vaults and pedestals	4 years including one 10-week and three 8-week in-class sessions
Network Craft	Installs, maintains and repairs networks, communication equipment and other specialized telecommunication equipment	4 years including three 8-week and one 10-week in-class sessions
Cook (R)	Prepares food and meals in hotels, restaurants and institutions	3 years including three 8-week in-class sessions
Crane and Hoisting Equipment Operator (C)	Operates tower cranes, mobile cranes and boom trucks to lift and swing material	
Boom Truck Operator	Operates and services a hydraulically truck mounted crane to lift and swing materials and loads	1 year including one 3-week in-class session
Mobile Crane Operator	Operates and services any mechanical device or hydraulic structure to lift and swing	3 years including one 3-week and one 5-week in-class sessions
Tower Crane Operator	Operates and services a mechanical device or structure of a traveling, fixed or climbing type used for raising or lowering materials	2 years including one 3-week in-class session
Electrical Rewind Mechanic	Repairs and rebuilds electric motors, generators, transformers, controls and other electrical equipment	4 years including four 8-week in-class sessions
Electrician (C)(R)	Installs, alters, repairs and maintains electrical systems in buildings to supply heat, light, power, controls and signals or fire alarms	4 years including three 8-week and one 12-week in-class sessions
Electronic Technician (C)(R)	Services and repairs radio and television-receiving equipment	4 years including two 12-week and two 6-week in-class sessions
Elevator Constructor (C)	Installs, repairs and maintains elevators, escalators, moving walkways, etc.	4 years including two modular training sessions
Floorcovering Installer (R)	Installs many types of resilient and carpet floor coverings in buildings	2 years including one 7-week and one 6-week in-class sessions
Gasfitter - First Class (C)	Installs piping, appliances, equipment and controls for the use of natural gas or propane gas as a fuel	3 years including two 8-week in-class sessions
Glassworker (R)	Cuts and installs glass for windows, showcases and curtain-wall building construction	4 years including four 6-week in-class sessions
Hairstylist (C)(R)	Cuts, trims, waves and colours hair; facial and scalp massage; trims beards, mustaches, etc.	2 years including two 10-week in-class sessions
Heavy Equipment Technician (C)(R)	Services and repairs construction and other heavy industrial mobile and stationary equipment	4 years including four 8-week in-class sessions
Instrument Mechanic (R)	Maintains, services, repairs and installs measuring and control instruments used in process industries	4 years including two 8-week and two 10-week in-class sessions
Insulator	Installs insulation materials in commercial and industrial structures	4 years including two 6-week and one 8-week in-class sessions
Ironworker (C)(R)	Builds, erects, constructs and joins structural steel on buildings, bridges and towers	3 years including three 8-week in-class sessions

	Install and maintains fire alarm systems, including devices to supply hoses, ringtones, pressure, temperature and signals or fire alarms	
Electronic Technician (C)(R)	Services and repairs radio and television-receiving equipment	4 years including two 12-week and two 6-week in-class sessions
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Metal Building Systems Erector	Erects pre-engineered one-storey buildings	2 years including one 10-week in-class session
Landscape Gardener	Grows, installs and maintains trees, plants and grasses in all environments	4 years including four 8-week in-class sessions
Lather-Interior Systems Mechanic	Installs metal, plaster lath and interior finishes in the construction of buildings	3 years including two 8-week and one 6-week in-class sessions
Locksmith	Installs, replaces, rebuilds, rearranges, repairs or readjusts locking devices or safes; makes keys; and circumvents locking devices	4 years including four 8-week in-class sessions
Machinist (R)	Works with metals; operates metal-cutting and shaping machinery	4 years including four 8-week in-class sessions
Millwright (R)	Installs and maintains machinery in factories and other production plants	4 years including four 8-week in-class sessions
Motorcycle Mechanic (C)(R)	Assembles, services and repairs two-wheeled single-tracked motor vehicles and three-wheeled two-tracked motor vehicles (sidecars)	4 years including two 8-week and two 6-week in-class sessions
Painter and Decorator (R)	Applies paint, varnish and wallpaper to interior and exterior building surfaces, and to other fittings and furnishings	3 years including three 8-week in-class sessions
Partsman	Stores and dispenses automotive, heavy duty or farm machinery parts	3 years including one 8-week and two 6-week in-class sessions
Plumber (C)(R)	Installs piping, fixtures, appliances, equipment and controls for water and sanitation purposes	4 years including four 8-week in-class sessions
Power Lineman (R)	Constructs, maintains or operates electrical transmission or distribution systems	4 years including three 7-week in-class sessions
Power System Electrician	Constructs or maintains electrical utility power system and power station equipment, or metering, protection and control apparatus	4 years including two 8-week and two 9-week in-class sessions
Printing and Graphic Arts Craftsman	Prepares, produces and finishes printed material	
Pre-Press	Design and layout, document composition, image reproduction, assembly, proofing and plating, using traditional pre-press tools and computer applications	4 years including four 4-week in-class sessions
Press	Install plates, prepare ink fountains and feeder units, make mechanical adjustments and monitor the presses during production runs	4 years including four 4-week in-class sessions
Bindery	Some tasks include folding, cutting, gluing, stapling and packaging the finished printed materials, including shipping	3 years including two 4-week in-class sessions
Bindery II	Some tasks include folding, cutting, gluing, stapling and packaging the finished printed materials, including shipping	2 years including two 4-week in-class sessions
Recreation Vehicle Mechanic (C)	Repairs mobile motor homes and recreation vehicles	3 years including two 8-week in-class sessions
Refrigeration and Air Conditioning Mechanic (C) (R)	Installs and services refrigerating and air conditioning systems	4 years including four 8-week in-class sessions
Roofer (R)	Installs and maintains built-up roofs, composition roof coverings, shakes, shingles and plastic membranes	3 years including three 6-week in-class sessions
Sawfiler	Repairs, sets and sharpens band saws, chain saws, hand saws, circular saws and other types of saw blades	4 years including four 4-week in-class sessions
Circular Sawfiler	Repairs, sets and sharpens chain saws, hand saws, circular saws and other types of saw blades	3 years including three 4-week in-class sessions
Sheet Metal Worker (C)(R)	Designs, fabricates, installs and repairs ducts and fittings for heating, ventilating, air conditioning, exhaust and dust collecting systems	4 years including four 10-week in-class sessions
Sprinkler Systems Installer (R)	Installs and maintains fixed fire extinguishing systems	4 years including three 6-week in-class sessions
Steamfitter-Pipefitter (C)(R)	Installs piping, equipment and controls for hot water, steam, process and chemical piping in industrial and commercial establishments	4 years including four 8-week in-class sessions
Structural Steel and Plate Fitter	Works in the shop fabrication, preparation, layout, assembly or repair of structural and miscellaneous components or vessels	3 years including three 8-week in-class sessions
Tilesetter	Works with ceramic tile, terrazzo and marble	3 years including three 6-week in-class sessions
Tool and Die Maker	Manufactures and repairs jigs, fixture, gauges, dies, molds, press tools and various types of small mechanical devices	Under development
Transport Refrigeration Mechanic	Installs, repairs and maintains equipment in mobile units used to haul perishable loads	3 years including three 8-week in-class sessions
Water Well Driller	Drills, installs and services water wells, and installs and services water well pumping systems	2 years including two 6-week in-class sessions
Welder (C)(R)	Joins metal by fusion using oxyacetylene flame, electric arc or other welding processes	3 years including three 8-week in-class sessions

(C) - Designated compulsory certification trade. A person working in this trade must be a registered apprentice or certified journeyman
(R) - Interprovincial Standards Red Seal Trade



Would you like to be one of thousands of men and women who enter apprenticeship training every year? This brochure will introduce you to Alberta's apprenticeship system and give you some inviting reasons to choose apprenticeship as your journey to a successful career.

Do you want to...

- ✓ *have a challenging, creative career?*
- ✓ *learn marketable skills?*
- ✓ *earn competitive wages while you learn?*
- ✓ *become independent and responsible for your own success?*
- ✓ *work in a variety of environments, here and abroad?*
- ✓ *earn an Alberta Journeyman Certificate?*

...apprenticeship training offers you these opportunities

Apprenticeship is for everyone...

Apprenticeship is a method of learning the skills and knowledge necessary to become a journeyman.* Apprenticeship combines on the job training under the supervision of a qualified tradesperson and classroom training at a post-secondary training establishment.

** journeyman refers to both men and women*

How do I start?

- Look through the list of trades on the back of this brochure.
- Ask for information about trades that interest you from a school counsellor or visit an Alberta Career Development Centre.
- Talk to employers and people in the trades.
- Narrow your choices based on your own interests and abilities.

How do I enter an apprenticeship program?

You could enter an apprenticeship program if you:

- have a minimum of grade 9 to 11, depending on the trade,
- write and pass an entrance exam, or
- participate in a school to career opportunity, such as the Registered Apprenticeship Program (RAP), while attending high school. RAP apprentices can accumulate hours of on the job training as credit towards:
 - an apprenticeship program, and
 - a high school diploma, or
 - a certificate of achievement.

Take a look at the trades...but first get the grades

Most employers prefer to hire individuals with a Grade 12 education. **The more education you have, the better your chances are of being hired and succeeding in your trade.** In some trades all applicants, regardless of their education level, must write an entrance exam.

How do I find an employer?

Once you choose a trade, the next step is to find an employer who will hire you as an apprentice. You

may have to visit several shops before you find a suitable employer. Remember, your employer must be willing to spend time to train you and allow you to attend classroom training.

What is an apprenticeship contract?

The apprenticeship contract is a legal agreement between you and your employer, and is registered by the Alberta government. This means you are responsible for attending classes and completing your on the job training. Your employer is responsible for giving you the training you need to learn the trade and for paying you 40 to 90 per cent of the shop's journeyman wage rate, depending on where you are in your training. The Alberta government arranges for your formal instruction and examinations as you progress each year toward becoming a journeyman.

How do I progress through apprenticeship training?

To progress from one year of apprenticeship training to the next you must:

- have the required hours of on the job training within each year of your apprenticeship program,
- successfully complete classroom training,
- pass the apprenticeship exams,
- have your record book updated by your supervisor, and
- forward your record book to the nearest Career Development Centre for a Certificate of Progress stamp

After completing these steps your wages should increase. The amount your wages increase may differ with each employer.

How long does it take to become a journeyman?

Depending on the trade, it usually takes between one and four years to earn an Alberta Journeyman Certificate. About 80 per cent of your training will take place on the job; the other 20 per cent takes place in the classroom. In most cases, an apprentice attends school full time for 4 to 12 weeks each year. The length of each apprenticeship program is listed on the back of this brochure.

When you complete your training and pass all your exams, you will receive an Alberta Journeyman Certificate and begin earning full journeyman wages.

What are the benefits of apprenticeship training?

The classroom component of apprenticeship training teaches the theory behind the practical aspects you learn at work. It also exposes you to the latest technology in your trade and lets you learn a greater variety of skills.

If you are interested in working in another province and you have completed an apprenticeship program in one of the Red Seal trades (identified in the list of trades on the reverse side of the brochure), you can write an interprovincial standards (Red Seal) exam. Journeymen who carry a Red Seal are qualified to work in their trade anywhere in Canada that the designation is recognized.

How much does classroom training cost?

The cost of classroom training depends on the textbooks and other classroom materials you need. During classroom training you may be eligible for unemployment insurance benefits.

Learn skills that last a lifetime...

Apprenticeship is a career option that involves education and work based training. You will learn the skills that open the doors to many challenging opportunities. **The key is to become skilled at what you do.**

You would be surprised how many times a day you come across the work of a journeyman. Journeymen maintain our telephones, build our homes and schools, fix our cars and motorcycles, and print the brochure you are reading.

Employers are looking for people who seek challenging work, enjoy a variety of experiences and get a sense of fulfillment from a job well done. Apprenticeship offers you the chance to earn above average wages and have your skills recognized worldwide.

If you are interested in becoming one of the over 5,000 men and women who enter apprenticeship every year, contact an Alberta Career Development Centre or phone the Career Information Hotline at:

1-800-661-3753
(422-4266 in Edmonton)

If you would enjoy the rewards of competitive wages, job satisfaction and concrete results, **apprenticeship is your journey to success.**

For more information...

For more detailed information contact one of the Career Development Centres listed below, or visit the Alberta Advanced Education and Career Development world wide web site at :

<http://www.gov.ab.ca/dept/aecd.html>

Bonnyville

New Park Place, Box 8115
5201 - 44 Street T9N 2J4
Tel: 826-4175
Fax: 826-1904

Calgary

Century Park Place
855 - 8 Avenue SW T2P 3P1
Tel: 297-6347 - Career Services
Tel: 297-6457 - Apprenticeship
Fax: 297-5183 - Career Services
Fax: 297-4492 - Apprenticeship

Camrose

5007 - 49 Street
T4V 1N5
Tel: 679-1275
Fax: 679-1716

Edmonton

Seventh St. Plaza, South Tower
10030 - 107 Street T5J 4X7
Tel: 427-3722 - Career Services
Tel: 427-8517 - Apprenticeship
Fax: 427-4778 - Career Services
Fax 422-3734 - Apprenticeship

Fort McMurray

7th Floor, Provincial Building
9915 Franklin Avenue
T9H 2K4
Tel: 743-7192
Fax: 743-7492

Grande Prairie

1201 Provincial Building
10320 - 99 Street T8V 6J4
Tel: 538-5348
Fax: 538-5237

Hinton

Yellowhead Building
437 Gregg Avenue T7V 1N1
Tel: 865-8269
Fax: 865-8269

Lethbridge

Room 280, Provincial Bldg.
200 - 5 Avenue S. T1J 4C7
Tel: 381-5380
Fax: 381-5795

Lethbridge CDC

402 Professional Building
Bag 3014, 740 - 4 Avenue S.
T1J 0N9
Tel: 381-5419
Fax: 382-4553

Medicine Hat

104 Provincial Building
346 - 3 Street SE
T1A 0G7
Tel: 529-3683
Fax: 529-3564

Pincher Creek

Box 2138, 226 Provincial Bldg
782 Main Street T0K 1W0
Tel: 627-1125
Fax: 627-3375

Vermilion

Box 26, 1st Fl., Provincial Bldg
4701 - 52 Street
T9X 1J9
Tel: 853-8150
Fax: 853-8203

CO-LOCATIONS WITH FAMILY AND SOCIAL SERVICES

Lloydminster

1st Floor, Provincial Building
5124 - 50 Street T9V 0M3
Tel: 871-6480
Fax: 871-6449

Peace River

9713 - 100 Ave. T8S 1T4
Tel: 624-6211
Fax: 624-6476

Red Deer

205 Provincial Building
4920 - 51 Street T4N 6K8
Tel: 340-5353
Fax: 340-7086

Rocky Mountain House

Box 1180, 4919 - 51 Street
T0M 1T0
Tel: 845-8303
Fax: 845-8374

Slave Lake

Box 787, Lakeland Centre
101 Main Street SE T0G 2A0
Tel: 849-7220
Fax: 849-7379

CO-LOCATIONS WITH FAMILY AND SOCIAL SERVICES & HUMAN RESOURCES DEVELOPMENT CANADA

Athabasca Family and Employment Support Centre

3rd Fl., Duniece Centre
4810 - 50 Street T9S 1C9
Tel: 675-3861
Fax: 675-2655

Edmonton Youth Employment Services Centre

9640 - 103 A Avenue T5H 4J2
Tel: 428-8161
Fax: 422-0745

CONTRACTED SERVICES

Barrhead

Barrhead Regional
Employment Centre
Box 4069 T7N 1A1
Tel: 674-8384
Fax: 674-8357

Drayton Valley Cardium Employment Services

P.O. Box 7676 T7A 1S8
Tel: 542-6250
Fax: 542-6370

Westlock Career and Recruitment Services

Box 3090
201, 10619 - 100 Ave.
T0G 2L0
Tel: 349-2903
Fax: 349-6542

Vegreville Employment Resources Centre

Box 371 T9C 1R4
Tel: 632-2332
Fax: 623-2999

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Advanced Education and Career Development.

Career Information Hotline 1-800-661-3753 (toll-free)
(Edmonton: 422-4266)