

# TRADE DESCRIPTIONS

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**The trades have been broken up into sectors: Construction Sector, Industrial Sector, Motive Power Sector and Service Sector.**

## **Construction Sector**

**Blacksmith:** forges and repairs metals parts, makes striking and cutting tools, makes, sharpens or hardens drills, chisels, and performs custom work including ornamental railings, gates, grilles, and furniture.

**Bricklayers:** prepare and lay bricks, concrete blocks, stone and other masonry units to construct, erect and repair structures such as walls, partitions, patios, arches, paving, fireplaces, smokestacks and chimneys. Their work also encompasses the laying of fire brick and other refractory materials used in construction of industrial furnaces, retorts and boilers.

**Boilermakers:** build, erect, repair, test and maintain all types of boilers, tanks and pressure vessels, as well as performing all types of structural and plate work on dust, air, gas, steam, oil, water and other liquid-tight pressure vessels. Boilermakers also erect and install boilers, sometimes working on scaffolds and repair and maintain existing boilers.

**General Carpenter:** work mainly with wood, wood-substitutes, or other material such as drywall, plaster, steel, copper or tiles. Carpenters may construct, erect, install, maintain or repair various structures and be responsible for framing and forming or finishing cabinets, doors, stairs and other major wooden structures.

**Cement (Concrete) Finisher:** finishes the exposed surfaces of poured concrete floors, sidewalks, curbs and many other structures. They also smooth and finish freshly poured concrete, apply curing or surface treatments and restore, repair or replace hardened concrete structures.

**Cement Mason:** directs the pouring of concrete and smooths and finishes freshly poured concrete.

**Construction Craft Workers:** prepare, excavate, backfill, compact and clean up a work site. They also handle materials as well as ship and receive parts. Construction Craft Workers primarily work in the construction industry, governed by the Trades Qualification and Apprenticeship Act (TQA).

**Construction Millwrights:** install, maintain and troubleshoot industrial machinery, mechanical equipment and other automated and robotic systems. Construction Millwrights primarily work in the construction industry, governed by the Trades Qualification and Apprenticeship Act (TQA). They often work in close association with people in other trades, such as instrument mechanics, pipe fitters and electricians.

**Drywall, Acoustic and Lathing Applicator:** erect exterior structural steel studs and sheeting, shaft wall systems, and install and finish lath and drywall, partition walls and furring, ceiling systems and access flooring types as well as applying thermal and sound insulation.

**Drywall Finisher and Plasterer:** applies the finishing touches to lath and plaster or drywall. Drywall comes in sheets but needs to look smooth so a drywall finisher and plasterer tapes and plasters over the seams. In the building is lath and plaster, drywall finisher and plasterers apply plaster to cover the lath work.

**Construction Electrician:** lays out, assembles, repairs, maintains, connects and tests electrical fixtures, apparatus, control equipment and wiring in just about every kind of residential and commercial building you can imagine.

**Floor Covering Installers:** plan, prepare, install and repair various types of floor covering including tile, resilient sheet goods, carpet, ceramic and wood floors.

**Glaziers:** cut, fit and install various types of glass in metal and wooden frames, and sometimes work with glass substitutes such as plastic.

**Heat and Frost Insulator:** applies insulation materials in order to prevent the transmission of heat, cold, sound and fire.

**Heavy Equipment Operators:** operate heavy equipment such as backhoes, loaders, graders, dozers and excavators used in the construction and maintenance of roads, bridges, airports, gas and oil pipelines, tunnels, buildings and other structures as well as surface mining and quarrying activities. Some will specialize in one or more types of heavy equipment such as:

- Excavator Operator
- Dozer Operator
- Tractor Loader Backhoe Operator

**Hoisting Engineers:** are involved in the set-up and operation of electric-powered cranes (Tower Crane Operator) or Mobile cranes with booms that are mounted on crawlers and wheels (Mobile Crane Operator).

**Ironworkers:** help put up buildings, bridges and other structures.

**Drywall Acoustic & Lathing Applicator:** (also known as Interior Systems Mechanics) assemble and install the framework for gypsum materials in buildings.

**Native Residential Construction Worker** could work in all aspects of constructing a First Nation house, from excavating to finishing electrical or carpentry. They are trained in carpentry, electrical and plumbing.

**Powerline Technician:** build and repair overhead and underground power lines used to conduct electricity from generating plants to the customer. They erect and maintain poles and towers as well as installing and maintaining street lighting systems.

**Painter and Decorator:** apply paint, wall coverings and other finishes to interior and exterior surfaces of buildings and other structures.

**Plumber:** install and repair pipes, fixtures and other plumbing equipment used for water distribution and waste water disposal in residential, commercial and industrial buildings.

**Precast Concrete Erector:** Concrete can be poured into moulds to create many different shapes and forms, including slabs or panels for building walls or floors. These products are called precast concrete pieces. Quite often, a Hoisting Engineer/Crane Operator will lower pieces into place. The Precast Concrete Erector guides this tradesperson, using hand signals, to align the panels and slabs into place.

**Refrigeration and Air Conditioning Mechanic:** install and service domestic, commercial, or industrial refrigeration and air conditioning units and systems. They connect equipment to ductwork, refrigerant lines and electrical power sources. They install air and water filters and electrical wiring to compressor and circulatory fans, and test lines to detect leaks and adjust controls for optimum performance. When equipment breaks down, they repair or replace the controls, electric wiring, or other parts.

**Reinforcing Rodworker:** reinforces concrete. To do this, they fabricate, handle, sort, cut, bend, rig, place, burn, weld and tie all materials used to reinforce the concrete, including steel. They then install the steel and accessories in the building of all types of concrete structures including bridges, reservoirs, buildings, sewers and highways.

**Restoration Mason:** does similar work to a cement mason or a bricklayer. However, their work is done on structures years after the original work was performed. Specialized Restoration Masons could repair and restore heritage buildings and monuments. Some structures that a Restoration Mason works with include chimneys, smokestacks, foundations, furnaces, kilns and forges.

**Roofer:** installs, repairs and replaces roofing systems, including conventional, inverted built-up, single-ply and two-ply modified. They also perform damp, water and weather-proofing along with installing and repairing slate, tile and shingles and resurfacing roofs.

**Sheet metal workers:** fabricate, assemble, install and repair sheet metal products.

**Sprinkler & Fire Protection Installer:** fabricate, install, test, maintain and repair water, foam, carbon dioxide and dry chemical sprinkler systems in buildings for fire protection purposes.

**Steamfitter-pipe fitter:** lay out, assemble, fabricate, maintain and repair piping systems carrying water, steam, chemicals and fuel in heating, cooling, lubricating and other process piping systems.

**Terrazzo, Tile and Marble Setter:** covers interior and exterior walls, floors and ceilings with terrazzo, tile or marble. These finishes could be both decorative and protective, using ceramic tiles, marble, quarry tile, mosaics or terrazzo. A Terrazzo, Tile and Marble Setter could line a swimming pool with mosaic floors one day and tile a backsplash in a kitchen the next!

**Welder:** permanently joins pieces of metal with metal filler, using heat and/or pressure. Welders join parts being manufactured, they build structures and repair broken or cracked parts, according to specifications.

## **Industrial Sector**

### **What Does a Band Saw Technician Do?**

A Band Saw Technician keeps the machines that saw, chop, chip and cut wood sharp and in working order. They maintain, diagnose, repair and sharpen these sawing machines.

### **What Does a Bearings Mechanic Do?**

A Bearings Mechanic disassembles, inspects, repairs and cleans bearings, seals and chocks.

### **What Does a Carperson (Railway) Do?**

A Carperson (Railway) makes sure that trains, streetcars and subway trains are working correctly. They are responsible for inspecting the passenger and freight cars for damage and then making any necessary repairs. This could mean working with any number of the parts involved in the inner and outer works of a rail or passenger car, including compressors, air valves, piping, air cylinders, passenger seats, windows and washrooms.

### **What Do Numerical Control (CNC) Operators, Programmers & Programmer/Operators Do?**

Many machine shops, large or small, have upgraded with CNC machinery, including motor vehicle parts manufacturers, machinery and equipment manufacturers, aircraft and parts manufacturers, and primary steel producers. CNC machinery is the type of equipment used in a variety of manufacturing environments where it is necessary to produce complicated identical parts. This type of equipment is also used in the manufacturing of tooling such as dies and moulds that are used to mass-produce metal and plastic parts. Have a look at what each one does:

### **What Does a Composite Structures Technician Do?**

A Composite Structures Technician inspects, evaluates damage, repairs and replaces damaged aircraft components according to approved engineering data and process requirements using hand and power tools, as well as specialized equipment and materials.

### **What Does a Mechanical Draftsperson Do?**

Mechanical Draftspersons prepare engineering designs, drawings and related technical information working independently, in multidisciplinary engineering teams or in support of engineers, architects or industrial designers.

### **What Does an Electric Motor Rewind Mechanic Do?**

Many items in everyday life have electric motors, from computers to air conditioning units. An Electric Motor Rewind Mechanic repairs and replaces these motors. Electric motors contain wind-up wire coils that produce the turning motion the motor needs to work. An Electric Motor Rewind Mechanic replaces or repairs these coils. Because of the wide variety of electrical motors in all aspects of commercial, residential, industrial and institutional life, there are many opportunities for people in this trade. One day you may be repairing a clothes dryer, and the next you may be repairing a heating or air conditioning system.

### **What Does an Electrical Control (Machine) Builder Do?**

An Electrical Control (Machine) Builder prepares and organizes wiring layout from electrical schematics and is primarily involved in the electrical portion of machine tool building. They install electrical devices and enclose them in protective tubing. They work with machinists and tool makers.

### **What Does an Elevating Device Mechanic Do?**

An Elevating Device Mechanic may inspect, install, maintain, service and repair elevating devices. These devices can include passenger elevators, freight elevators, observation elevators, dumbwaiters, escalators, moving walkways, freight platforms, stage lifts and others.

### **What Does an Entertainment Industry Power Technician Do?**

An Entertainment Industry Power Technician plans, installs, and maintains temporary power distribution systems for use in the entertainment industry, including film, television, live performance, tradeshow and special events.

### **What Does a Facilities Mechanic/Technician Do?**

A Facilities Mechanic/Technician is responsible for the maintenance, inspection and repair of the inside, outside and exterior areas around buildings (including the roof), as well as the various systems within the facility, including ventilating, humidifier and air conditioning, water and water treatment, heating and electrical systems.

A **Facilities Mechanic** checks and inspects fire safety equipment and performs grounds maintenance, in addition to the above duties. A **Facilities Technician** monitors and operates electrical and plumbing systems and inspects and verifies emergency power, fire suppression and sprinkler systems, in addition to the above duties.

### **What Does A Fitter-Assembler (Motor Assembly) Do?**

A Fitter-Assembler (Motor Assembly) prepares, assembles, maintains and installs large and small motors, generators and dynamometers. They not only assemble the products, but also take apart and reassemble them in order to repair or provide maintenance. One aspect of this job is operating automated assembly equipment, including robotics and small cranes.

### **What Does A Fitter Do?**

A Fitter (Structural Steel/Plate work) lays out, prepares and assembles structural steel and steel vessels, according to structural steel plans and drawings.

### **What Does a Machinist Do?**

A machinist is a skilled craftsperson who sets up and operates precision metal cutting and grinding machines such as lathes, milling machines, drills, shapers, boring mills and grinders. A machinist may use this variety of equipment to manufacture, install, operate, adjust and repair machine tools and other machines in common use.

### **What Does a Hydraulic/Pneumatic Mechanic Do?**

Hydraulic/Pneumatic Mechanics install, maintain, repair, rebuild or modify existing hydraulic, pneumatic or fluid systems, controls and components.

### **What does an Industrial Electrician Do?**

Industrial Electricians install, maintain, test, troubleshoot and repair electrical equipment and other types of electrical and electronic controls on various types of equipment.

### **What Does an Industrial Instrument Mechanic Do?**

An Industrial Instrument Mechanic repairs, maintains, calibrates, adjusts and installs industrial measuring and controlling instrumentation. This instrumentation makes sure that all machines in a plant are safe and running correctly. They may regulate the water flow in equipment or check the air quality in a mine. The operation and safety of the plant relies on these instruments so the industrial instrument mechanic is very important as they constantly monitor and calibrate these instruments.

### **What does an Industrial Mechanic/Millwright Do?**

Industrial Mechanic/Millwrights maintain and repair stationary industrial machinery, mechanical equipment and automated and robotic systems. Industrial Mechanic/Millwrights are most often involved with installing, maintaining, repairing and removing machinery and equipment in industrial plants and factories.

### **What Does an Industrial Woodworker Do?**

Industrial Woodworkers construct and repair wooden cabinets, furniture, fixtures and related products.

### **What Does a Machine-Tool Builder & Integrator Do?**

Machine-Tool Builders and Integrators build, assemble and integrate parts, components, and systems on both stand-alone and machine-tools on multi-station automated machine tool systems. These automated machine-tool systems are used in all sectors of manufacturing such as assembly, processing, and fabricating systems.

### **What Does a Motive Power Machinist Do?**

A motive power machinist is a skilled craftsperson who sets up and operates precision metal cutting and grinding machines such as lathes, milling machines, drills, shapers, boring mills and grinders. A motive power machinist may use this variety of equipment to manufacture, install, operate, disassemble, re-condition, adjust, repair or replace engines, suspensions, flywheels, brake components, blocks, cylinder heads, crankshafts, connecting rods and other parts commonly used in automotive vehicles.

### **What Does a Mould or Die Finisher Do?**

Mould or Die Finishers use a variety of power and hand tools to shape, smooth, finish, and polish moulds or metal working dies.

### **What Does a Mould Maker Do?**

Mould Makers design, make and repair moulds and models used in industry to mass-produce plastic or metal components and products. Mould Makers may use hand-molding techniques for small quantities of items but will often use computer and industrial technology to produce large numbers of identical items. Mould Makers may also specialize in one of the following areas: as small casting, medium size casting, or larger size casting molders.

### **What Does a Packaging Machine Mechanic Do?**

Packaging Machine Mechanics generally set up packaging lines to accommodate various products, package dimensions and production volumes, and repair, adjust or maintain this equipment.

### **What Does a Patternmaker Do?**

Patternmakers make models in wood, plastic, metal, plaster of paris, or polystyrene to produce castings. These are then used by a mould maker to form a cavity in the sand into which molten metal is poured to form a casting. Patternmaking is divided into two branches, wood patternmaking and metal patternmaking.

### **What Does a Precision Metal Fabricator Do?**

Precision Metal Fabricators make metal products, parts and components to close tolerances for the telecommunication, medical, aircraft/transportation and high tech industries.

### **What Does a Process Operator: Refinery, Chemical & Liquid Processes Do?**

A Process Operator: Refinery, Chemical & Liquid processes operates, monitors, adjusts and maintains processing units and equipment generally for manufacturing companies.

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### **What Does a Pump Systems Installer/Mechanic Do?**

A Pump Systems Installer/Mechanic installs, services and repairs various types of pump systems including piston, centrifugal, deep and shallow-well jet, submersible and vertical turbine pumps found on the surface and in wells. Pump System Installer/Mechanics only work on outside pipes running to and from buildings. Any work done on pipes inside a building must be done by qualified plumbers.

### **What Does a Roll Grinder/Turner Do?**

Roll Grinders/Turners generally work in steel manufacturing and metal production companies. Customers such as automotive manufacturers, often require the metal to be specific size and thickness. The metal is heated and then rolled through machines, which flatten them to half the previous size. The Roll Grinder/Turner measures and grinds the metal when it comes off the rollers and repeats the process until the steel is just the right thickness.

### **What Does a Surface Blaster Do?**

Surface Blasters fill blast holes with explosives and detonate explosives to dislodge coal, ore and rock to demolish structures.

### **What Does a Surface Mount Assembler Do?**

Many items in your house contain electrical parts. This could be from a stove that tells the time, to toys that speak. These electrical parts are also used in other walks of life, from running networks of computers in nuclear power stations to turning on the lights and opening doors in businesses. Surface Mount Assemblers assemble these electrical parts and components.

### **What Does a Tool and Gauge Inspector Do?**

Tool and Gauge Inspectors inspect, test and adjust new and reworked tools, dies, jigs, fixtures and gauges. To become a Tool and Gauge Inspector, you must already be a Tool and Die Maker.

### **What Does a Tool Maker Do?**

A Tool Maker designs, modifies and repairs specialized equipment, cutting tools, gauges, jigs, fixtures, prototypes and mechanical devices that are used for testing parts and produces components for the building of machines and tooling that produce all kinds of industrial and consumer products.

### **What Does a Water Meter Installer Do?**

Water Meter Installers are responsible for installing, testing, repairing and maintaining residential water meters. Industrial water meters may only be installed by a certified plumber. The difference between these two types of water meters is that a residential water meter has an intake and outlet pipe smaller than 25mm whereas anything higher is usually in an industrial setting.

### **What Does a Water Well Driller Do?**

A Water Well Driller operates various types of drilling equipment for the purpose of drilling and servicing water wells. A Water Well Driller is also required to perform the service and maintenance of drilling equipment, selecting and changing drilling tools, completing bore holes into a productive well, as well as disinfecting and servicing completed wells and pumping equipment.

## **Motive Power Sector**

### **What Does an Air-Cooled and Marine Mechanic Do?**

Air-Cooled and Marine Mechanics test, repair and service a variety of outdoor power equipment, gasoline or diesel-powered, such as outboard boat motors, snowmobiles and lawn mowers.

### **What Does an Automotive Service Technician/Motor Vehicle Mechanic Do?**

Motor vehicle mechanics and technicians inspect, diagnose, repair and service mechanical, electrical and electronic systems and components for cars, buses and trucks. They also perform major repair and replacement of mechanical units on newly assembled motor vehicles. Mechanics may choose to specialize in engine and fuel systems, brakes, drive lines, suspension, electrical and electronic systems or diagnostic services.

### **What Does an Avionics Technician do?**

Avionics Technicians repair, test, adjust and maintain avionics systems and equipment.

### **What Does an Automotive Glass Technician Do?**

An Automotive Glass Technician repairs, removes and installs glass and windshields in motorized and automotive vehicles.

### **What Does an Automotive Painter Do?**

Automotive Painters, sometimes known as Refinishing specialists, are involved in damage appraisal to motor vehicles, surface preparation, minor damage repair, masking, colour matching, priming and mixing paint and top coating.

### **What Does an Automotive Electronic Accessory Technician Do?**

An Automotive Electronic Accessory Technician installs, repairs tests and troubleshoots electronic systems connected to the operating system of motor vehicles.

### **What Does an Automotive Service Technician/Motor Vehicle Mechanic Do?**

Motor vehicle mechanics and technicians inspect, diagnose, repair and service mechanical, electrical and electronic systems and components for cars, buses and trucks. They also perform major repair and replacement of mechanical units on newly assembled motor vehicles. Mechanics may choose to specialize in engine and fuel systems, brakes, drive lines, suspension, electrical and electronic systems or diagnostic services.

### **What Does an Auto Body Collision & Damage Repairer Do?**

Auto Body Collision & Damage Repairers repair and restore damaged motor vehicle body parts and interior finishing. This also includes metal repairers who repair defective automobile body parts and damage to the bodies of newly assembled cars. People who work in this trade are also sometimes known as Auto Body Repairers, Automotive Body Technicians or Metal Repairers- Motor Vehicle Manufacturing.

### **What Does a Farm Equipment Mechanic Do?**

Farm Equipment Mechanics repair, overhaul and maintain a variety of agricultural equipment such as tractors, tillage, seeding and harvesting equipment.

### **What Does a Heavy Equipment Mechanic Do?**

Heavy Duty Equipment Mechanics repair, overhaul and maintain mobile heavy-duty equipment used in construction, forestry, mining, material handling, landscaping, land clearing, farming and similar activities.

### **What Does a Marine Engine Mechanic Do?**

Marine Engine Mechanics test, diagnose, inspect, repair and maintain boat engines and associated boat handling and systems equipment to ensure their effective use and safe operation.

### **What Does a Motorcycle Mechanic Do?**

Motorcycle mechanics assemble, maintain, repair and restore motorcycles and other multi-wheeled all-terrain vehicles that weigh less than 450 kilograms.

### **What Does a Motive Power Parts Person Do?**

A Motive Power Parts Person sells and supplies vehicle-related parts for the automotive, motive power and heavy equipment sectors.

### **What Does an Automotive Service Technician/Motor Vehicle Mechanic Do?**

Motor vehicle mechanics and technicians inspect, diagnose, repair and service mechanical, electrical and electronic systems and components for cars, buses and trucks. They also perform major repair and replacement of mechanical units on newly assembled motor vehicles. Mechanics may choose to specialize in engine and fuel systems, brakes, drive lines, suspension, electrical and electronic systems or diagnostic services.

### **What Does a Powered Lift Truck Technician Do?**

Powered Lift Truck Technicians diagnose problems with, troubleshoot, tune up, fix and repair lift truck engines and their component parts and systems.

### **What Does a Recreation Vehicle Mechanic Do?**

Recreation Vehicle Mechanics service and repair recreational vehicles including fifth wheels, truck campers, trailers and motor homes.

### **What Does a Ski Lift Mechanic Do?**

Ski Lift Mechanics install, inspect, repair and maintain ski lifts and associated equipment to ensure their effective use and safe operation.

### **What Does a Small Engine Technician Do?**

Small Engine Technicians service and repair small gasoline and diesel-powered equipment, such as garden tractors, outboard motors, chain saws and lawn mowers.

**What Does a Tire, Wheel & Rim Mechanic Do?**

Tire, Wheel & Rim Mechanics diagnose faults in tires, wheels and rims, and make repairs, replacements and/or recommendations to meet vehicle requirements.

**What Does a Tractor-Trailer Commercial Driver Do?**

Tractor-Trailer Commercial Drivers are licensed (hold a valid Ontario AZ license under the Highway Traffic Act) to drive a commercial tractor-trailer vehicle, in order to manage the safe transportation of goods and materials on roads and highways, sometimes within Canada, or internationally into the United States and Mexico.

**What Does a Truck and Coach Technician Do?**

Truck & Coach Technicians service, repair, overhaul, diagnose and inspect motor coaches, heavy trucks and truck-trailers.

**What Does a Truck-Trailer Service Technician Do?**

Truck-Trailer Service Technicians service, repair, overhaul, diagnose and inspect truck-trailers and their various related systems and components.

**What Does a Turf Equipment Technician Do?**

Turf Equipment Technicians are responsible for lawn maintenance equipment. They diagnose, repair and maintain large and small tractors, golf carts, traction units (Power trains), small powered equipment (leaf blowers) and tow-behind equipment (utility wagons, implements).

## **Service Sector**

### **What Does an Aboriginal Early Childhood Educator Do?**

**Aboriginal Early Childhood Educators** are specialists who plan, organize and implement activities for preschool children. They lead children in activities to stimulate and develop their intellectual, physical and emotional growth and demonstrate an ability to use local culture, traditions, interests and values.

### **What Does an Agriculture - Dairy Herdperson Do?**

An Agriculture - Dairy Herdperson carries out feeding, health and breeding programs on dairy farms and may also supervise general farm workers. In this career, you would maintain livestock performance records and perform all dairy-producing work including selection, breeding, feeding and medicating the animals.

### **What Does an Agriculture - Swine Herdperson Do?**

An Agriculture - Swine Herdperson carries out feeding, health and breeding programs on hog farms and may also supervise general farm workers. In this career, you would maintain livestock performance records and perform all hog-producing work including selection, breeding, weaning, feeding and medicating the animals.

### **What Does an Appliance Service Technician Do?**

Appliance Service Technicians repair, service, maintain and install a variety of domestic appliances and household products.

### **What Does an Arborist Do?**

Arborists, also called tree care specialists or tree service technicians, maintain healthy trees and treat or remove injured and diseased trees.

### **What Does an Assistant Cook Do?**

Assistant Cooks prepare, cook and assemble a wide variety of foods including short order grill, breakfasts, sandwiches, simple salads, desserts and vegetables. They may carve cooked meats, poultry, fish and game. An Assistant Cook must also have a good working knowledge of table service, sanitation, soups, sauces and more.

### **What Does a Baker Do?**

Bakers prepare dough for pies, different types of bread and roll and other sweet goods, and prepare batters for different types of muffins, cookies and cakes for sale in retail food establishments (e.g. grocery stores) or for serving in restaurants or other establishments. Bakers may also frost and decorate cakes or other baked goods.

### **What Does a Chef Do?**

Chefs work in a variety of food service establishments, including restaurants, hotels, spas and country clubs. The Chef is responsible for what happens in the kitchen from developing the menu, hiring staff, purchasing ingredients, to picking out the dinnerware and assisting with the

design of the restaurant. They have an advanced knowledge of food preparation and management, as well as a knowledge of human resources, administrative procedures and business management.

### **What Does a Child and Youth Worker Do?**

Child and Youth Workers work to improve the physical, emotional, intellectual and social development of troubled children and adolescents.

### **What Does a Cook Do?**

Cooks prepare, cook and present a wide variety of foods, for anywhere from five to five hundred people, at receptions, house parties and other events, to individual dishes in restaurants or institutions, sometimes in accordance with instructions from a dietician or chef. There are even some Cooks who work in test kitchens where they develop recipes for televised cooking shows or for lifestyle and home-oriented magazines.

### **What Does a Customer Care Agent Do? (IT Contact Centre)**

Customer care agents provide customer service over the telephone for activities ranging from sales to technical troubleshooting. Agents access the information provided to aid customers with their concerns, negotiate customer issues, and generally provide adequate service to customers.

### **What Does an Early Childhood Educator Do?**

Early Childhood Educators plan and organize activities for preschool and school age children. They lead children in activities to stimulate and develop their intellectual, physical and emotional growth.

### **What Does an Early Childhood Educator-Exceptionalities Do?**

Early Childhood Educator-Exceptionalities' plan and organize activities for preschool and school age children. They lead children in activities to stimulate and develop their intellectual, physical and emotional growth. Although this occupation is similar to Early Childhood Educator or an Aboriginal Early Childhood Educator, this trade is different because this type of educator screens children for exceptionalities and provides the extra programs, supports and resources to help these children.

### **What Does an Educational Assistant Do?**

Educational Assistants, under the direction of the teacher, supports the educational goals of students, and works as a member of a multi-disciplinary team (including families) to support teacher/team developed goals, instructions and activities in a school setting.

### **What Does an Electronics Service Technician Do?**

An Electronics Service Technician specializes in repairing electronic equipment such as radio and television receivers, stereo components, video cameras, video and audio tape recorders, two-way radio communication systems and bio-medical systems.

### **What Does a Fruit Grower Do?**

Fruit Growers prepare the land for planting by laying out a land use plan, analyzing soil, tilling the soil, planting and transplanting fruit trees and vines as well as irrigating, weeding, fertilizing, pruning and training plants to ensure maximum growth and harvest yields.

### **What Does a Gemsetter-Goldsmith Do?**

A Gemsetter-Goldsmith fabricates, repairs and assembles all types of jewellery and gemstone work.

### **What Does a Hairstylist Do?**

Hairstylists shampoo, cut, perm, shave and style hair. With appropriate training, Hairstylists also perform more complex tasks, such as colouring/frosting hair, weaving, or adding hair extensions.

### **What Does a Horse Groom Do?**

A Horse Groom is responsible for the maintenance, health, nutrition, feeding and grooming of horses.

### **What Does a Horse Harness Maker Do?**

A Horse Harness Maker manufactures, rebuilds and repairs a wide variety of harnesses, saddles, saddle trees, and other associated tack for equestrian disciplines.

### **What Does a Horticulturist Do?**

Horticulturists use their gardening knowledge and skills in many different ways and in many different settings: some in maintaining formal gardens, others in golf courses or cemeteries and parks.

### **What Does an Inside Sales Agent Do? (IT Contact Centre)**

An Inside Sales Agent effectively communicates sales techniques and customer service skills to maintain the sales environment of a contact centre. Agents also prepare and complete required documentation, and set up and configure microcomputer systems and components.

### **What Does a Precision Lens and Prism Maker (Optics) Do?**

A Precision Lens and Prism Maker produces precision spherical and plane optics to specifications, corrects lens/prism surfaces, and fabricates optics for cameras, projectors, eye wear, microscopes, telescopes, domestic appliances and binoculars.

### **What Does a Locksmith Do?**

In general, Locksmiths work in locksmith shops where they cut keys, sell new locks to customer and install, repair and replace locks; however, some may work with electronic security systems, traveling to the work site to install locks and security systems. In addition, some may specialize in vehicle locksmithing or installing and servicing safes and vaults used in banks.

### **What Does a Microelectronics Manufacturer Do?**

Although much of electronics manufacturing is automated, the machines and equipment still need to be monitored to see that they are operating correctly. A Microelectronics Manufacturer works with the automated equipment used to manufacture high technology integrated circuits and modules, and makes sure that it is working correctly.

### **What Does a Native Clothing & Crafts Artisan Do?**

A Native Clothing & Crafts Artisan designs and makes tailored clothes and associated crafts reflecting traditional native themes. They are familiar with Mukluk/Moccasin making, Quill Work Art, Moose/Caribou Hair Tuffing and Sculpting, Fishscale Art, Birch Bark Baskets and North American Bead Work.

### **What does a Network Cabling Specialist Do?**

Network Cabling Specialists install, test, label and document a variety of communications infrastructures including fibre optic, coaxial and other types of cable systems as well as network hardware to support data, voice and video applications.

### **What Does a Parts Technician or Partsperson Do?**

A Parts Technician performs ordering, warehousing, inventory control and sales of parts. Their duties also include identifying parts and equipment, searching for parts, shipping and receiving parts, providing customer service and advice, and maintaining records.

### **What Does a Patisserie Do?**

A Patisserie is a pastry chef! They manage the best pastry kitchens and create delicious cakes and pastries.

### **What Does a Pool & Hot Tub/Spa Installer Do?**

Pool & Hot Tub/Spa Installers plan, prepare the work site, and install all types of above-ground, on-ground and in-ground swimming pools, hot tub/spa structures and surrounding deck in both commercial and residential areas.

### **What Does a Retail Meat Cutter Do?**

A Retail Meat Cutter cut, trim and package different varieties of meat, fish and poultry for supermarkets, grocery stores, specialty stores, and wholesale food shops.

### **What Does a Saddler Do?**

A Saddler designs, manufactures, rebuilds and repairs a wide variety of saddles, saddle trees, harnesses, riding boots and associated tack for all equestrian disciplines.

### **What Does a Special Events Coordinator Do?**

A Special Events/Conference/Meeting Coordinator assists in the coordination and execution of events including meetings, conferences, conventions, weddings, fundraising events, festivals and trade shows. They may work in a variety of situations, including government, corporations, cruise lines, banquet and resort facilities, event management companies and non-profit organizations.

### **What Does a Technical Support Agent Do? (IT Contact Centre)**

Technical Support Agents work in contact centers and provide assistance to clients for computer hardware and software by determining and documenting the problems and solutions. Agents must be able to help clients install new hardware, software, and networking components, and troubleshoot when issues arise.

### **What does a Telecommunications Installer or Repair Worker Do?**

Telecommunications Installation and Repair Workers install, test, maintain and repair telephones, telephone switching equipment or other telecommunications equipment such as cellular telephones. At present, workers in this field tend to specialize in either telecommunications equipment (voice) or data communications.

### **What Does a Wooden Boat Rebuilder/Repairer Do?**

A Wooden Boat Rebuilder/Repairer fabricates, repairs or modifies wooden boats to specifications and drawings. This includes: preparing sketches and layouts, designing, selecting materials such as woods and veneers; operating hand tools; making joints and performing fastening procedures; fabricating fastenings; and assembling, finishing and surfacing boat components. Wooden Boat Rebuilders/Repairers operate both computer-assisted design systems and wood cutting equipment.