

Designated Trades in Nova Scotia



- Symbols:**
- ◆ Red Seal Occupation
 - Compulsory Certified Trade
 - * Apprenticeship training currently offered in these trades in Nova Scotia
 - ** Technical training offered by an outside organization
 - *** Technical training in the development phase
- Items in bold are regulated outside the Apprenticeship & Trades Qualification Act**

Note: One year of apprenticeship equals approximately 2000 hours

Last Updated May 2012

Trade	Term (years)	Description
Agricultural Equipment Technician ◆	4	Repairs and services machines typically used in farming industry.
Alarm and Security Technician **	4.5	Installs/repairs intrusion alarm, closed circuit video and access control systems.
Appliance Service Technician ◆	3	Repairs and services household appliances.
Automotive Glass Technician		Performs work in fabricating, removing, installing, repairing and generally servicing glass and associated equipment in motor vehicles.
Automotive Painter ◆	2	Prepares and paints motor vehicles
Automotive Service Technician ◆ □ *	4	Services and repairs the brakes, suspension, engine, and fuel systems of cars and light trucks
Automotive Service Technician - Service Station Mechanic □ *	3	Performs tune-ups, safety inspections, services and repairs the brakes, clutch, and tires of cars and light trucks.
Baker ◆	3	Makes breads, pastries, cookies and cakes.
Blaster *	0.5 - 2	Engages in all blasting activity including: storage, handling, transportation, preparation and use of explosives and drilling conducted at a blasting area or in relation to the use of explosives.
Boatbuilder **	3-5	Builds sea-going boats for fishing or charter, and custom pleasure, power and sail boats.
Boilermaker ◆ □ *	3	Builds, tests, and repairs air-tight and liquid-tight containers such as boilers and storage tanks.
Bricklayer ◆ □ *	4	Builds and repairs walls, floors, fireplaces, walkways with bricks, blocks and stones.
Cabinetmaker ◆	4	Builds custom or production-type wooden (or wood substitute) fixtures or furniture.
Carpenter ◆ *	4	Works with wood or wood substitutes in the construction of buildings.
Communications Technician **	3	Installs, repairs, upgrades and maintains communication cables.
Concrete Finisher ◆	3	Places, finishes, cuts and repairs concrete.
Construction Craft Worker ◆		Sets up/dismantles forms, site preparation and clean-up, excavation, backfill/compaction, traffic control duties, concrete placement and finishing, mason tending and operates grading equipment
Construction Electrician ◆ □ *	4	Installs, alters, repairs, and maintains electrical systems in buildings and residences.
Cook ◆ *	3	Prepares food and meals in hotels, restaurants and institutions.
Electric Motor System Technician ◆	4	Repairs and rebuilds electric motors, generators, transformers, controls and equipment.
Floorcovering Installer ◆	2.5	Installs many types of resilient or carpet floor covering.
Gas Fitter *	2	Installs piping, appliances, equipment, and controls for the use of natural gas or propane as fuel.
Glazier ◆	4	Prepares, installs, and replaces glass.
Hairstylist ◆ **	2	Cuts, trims, waves and colours hair, massages face and scalp, trims beards and mustaches.
Heavy Duty Equipment Technician ◆ *	4	Repairs and maintains heavy duty equipment such as bulldozers, cranes and graders.
Heavy Equipment Operator ◆		Use a variety of mobile machines to dig trenches, haul, load or dump heavy materials, clear and level land, and break rock or concrete.
Industrial Electrician ◆ *	4	Installs, repairs, and maintains electrical wiring and electrical equipment for industrial uses.
Industrial Mechanic (Millwright) ◆ *	4	Installs and maintains machinery and equipment in factories and production plants.
Instrumentation & Control Technician ◆ *	4	Repairs, maintains and installs industrial measuring and controlling equipment.
Insulator (Heat and Frost) ◆ *	4	Installs insulating materials in commercial and industrial structures, removes asbestos.
Ironworker (Generalist) ◆ *	3	Builds, erects, constructs and joins structural steel used in buildings, bridges and towers.

Trade	Term (years)	Description
Ironworker (Reinforcing) ♦ *		Cuts, bends, lays out, places and welds reinforcing steel rods, welded wire fabric and composite materials in poured concrete products and structures. Places and stresses post-tensioning systems.
Ironworker (Structural/Ornamental) ♦ *		Installs and reinforces steel components, precast concrete & glued laminated timber products. Also erects pre-engineered buildings, scaffolds, cranes, hoists and derricks.
Landscape Horticulturist ♦	3	Prepares, lays out and completes a landscape installation plan.
Lather (Interior Systems Mechanic) ♦	3	Installs ceiling, drywall partitions, sound-proofing, and vapour barriers in buildings.
Locksmith	4	Repairs, installs and adjusts locks, and maintains safes and vaults.
Machinist ♦ *	4	Manufactures and repairs industrial components and mechanical devices by using a variety of metal cutting and shaping machinery.
Marine Fitter	4	Makes and repairs structural metal parts for ships, cuts and shapes metal for ship building.
Metal Fabricator (Fitter) ♦ *	4	Makes and repairs metal parts used in the construction of bridges, buildings and boilers.
Mine Electrician (INACTIVE)	2.5	Installs, repairs and maintains electrical equipment and systems used in mining.
Mine Mechanic (INACTIVE)	2.5	Repairs, maintains and assembles equipment and machinery used in mining.
Mobile Crane Operator ♦ **	3	Uses mobile cranes to lift, move, and place heavy objects, repairs, maintains and moves cranes.
Mobile Crane Operator (Hydraulic) ♦		Uses mobile cranes to lift, move, and place heavy objects. Repairs, maintains, and moves: cranes; booms mounted on trucks, wheeled frames or crawlers; traveling/fixed/climbing hoisting equipment with a vertical mast or tower and jib.
Motorcycle Mechanic ♦	4	Assembles, services and repairs motorcycles, motor scooters, and accessories.
Motor Vehicle Body Repairer (Metal & Paint) ♦ □ *	4	Repairs, restores and replaces damaged body parts such as glass, trim, steering and suspension.
Oil Heat System Technician ♦ □ *	3	Installs, repairs and services oil burning and oil combination burning equipment and appliances.
Painter and Decorator ♦	3	Applies paint, varnish, stain, wall paper, and wall coverings to interior and exterior surfaces.
Partsperson ♦	3	Stores and dispenses automotive, heavy duty, or farm machinery parts.
Plumber ♦ □ *	4	Installs and repairs piping and other equipment used to move, store or dispose of water, gas and sewage.
Power Engineer *	2-4	Maintains equipment, boilers and generators that provide heat, ventilation and powers for buildings.
Powerline Technician ♦ *	4	Builds and maintains overhead and underground electrical systems, powerlines, poles and street lights.
Recreation Vehicle Service Technician ♦	3	Installs, repairs and services Class A, B & C motorhomes, truck campers, holiday, fifth wheel, park mobile, and tent trailers.
Refrigeration and AC Mechanic ♦ □ *	4	Installs and services refrigerating and air conditioning systems.
Restoration Stone Mason *	4	Constructs and repairs structures using stone.
Rig Technician ♦		Operates the drawworks, rotary equipment and pumps, inspects rigs, maintains records of drilling operations and oversees rig mobilization and demobilization.
Roofer ♦ *	3	Installs and repairs single or multi-ply roofing systems, shingles and pre-formed rigid sheeting.
Sheet Metal Worker ♦ *	4	Designs, makes, installs and repairs sheet metal products and parts.
Sprinkler System Installer ♦ □ *	4	Installs and maintains permanent fire extinguishing systems.
Steamfitter - Pipefitter ♦ □ *	4	Installs piping, equipment and controls for hot water, steam, process and chemical piping.
Tilesetter ♦	4	Covers, repairs and decorates surfaces using ceramic, marble and other materials.
Tool and Die Maker ♦	4	Makes, repairs or modifies prototype, or special tools, dies and fixtures.
Tower Crane Operator ♦		Operates any mechanical device or structure that incorporates a power-driven drum with a cable or rope and a vertical mast or tower and stationary or luffing boom.
Transport Trailer Technician ♦	4	Repairs and services the braking, electrical hydraulic system and heating/cooling units of truck-trailers.
Truck and Transport Mechanic ♦ □ *	4	Repairs and services the various systems and engine components of buses and transport vehicles.
Welder ♦ *	3	Joins, cuts or shapes metal using electric arc, oxyacetylene flame or other processes.