

Apprenticeship Programs Quick Facts Chart

Ontario Trade Name ¹	Trade Code ²	Certifying Exam ³	Classification ⁴	Red Seal in ON ⁵	Academic Standard ⁶	Levels of In-School	In-School Curriculum Hours ⁷	On-the-job Hours ⁸	Total Apprenticeship Hours ⁹
Aboriginal Child Development Practitioner	620B	No	Non-Compulsory	No	Grade 12	2	720	6480	7200
Agricultural Dairy Herdsperson	640D	No	Non-Compulsory	No	Grade 12	1	480	5520	6000
Agricultural Fruit Grower INACTIVE – NO NEW REGISTRATIONS	640F	No	Non-Compulsory	No	Grade 12	2	480	5520	6000
Agricultural Swine Herdsperson INACTIVE – NO NEW REGISTRATIONS	640S	No	Non-Compulsory	No	Grade 12	2	480	5520	6000
Agricultural Equipment Technician	425A	Yes	Non-Compulsory	Yes	Grade 12	3	720	6280	7000
Alignment and Brakes Technician	310E	Yes	Compulsory	No	Grade 12	2	480	5400	5880
Appliance Service Technician	445A	Yes	Non-Compulsory	Yes	Grade 12	3	730	5280	6010
Arborist	444A	Yes	Non-Compulsory	No	Grade 12	2	720	5400	6120

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Architectural Glass and Metal Technician	424A	Yes	Non-Compulsory	Yes	Grade 10	3	720	7280	8000 (hours-based)
Assistant Cook	415B	No	Non-Compulsory	No	Grade 10	1	360	2640	3000
Auto Body and Collision Damage Repairer	310B	Yes	Compulsory	Yes	Grade 12	3	720	7280	8000
Auto Body Repairer	310Q	Yes	Compulsory	No	Grade 10	2	480	5520	6000
Automotive Electronic Accessory Technician	310K	Yes	Compulsory	No	Grade 12	1	240	3000	3240
Automotive Glass Technician	274L	No	Non-Compulsory	No	Grade 12	1	240	3760	4000
Automotive Painter	410N	Yes	Non-Compulsory	Yes	Grade 12	1	240	4560	4800
Automotive Service Technician	310S	Yes	Compulsory	Yes	Grade 12	3	720	6500	7220
Baker	423A	No	Non-Compulsory	No	Grade 12	2	720	5280	6000
Baker-Pâtissier	423C	Yes	Non-Compulsory	Yes	Grade 12	3	870	6130	7000
Bearings Mechanic INACTIVE – NO NEW REGISTRATIONS	615A	No	Non-Compulsory	No	Grade 12	1	240	5760	6000

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Blacksmith INACTIVE – NO NEW REGISTRATIONS	600P	No	Non-Compulsory	No	Grade 12	3	720	5280	6000
Brick and Stone Mason	401A	Yes	Non-Compulsory	Yes	Grade 10	3	720	4880	5600 (hours-based)
Cabinet maker	438A	Yes	Non-Compulsory	Yes	Grade 12	3	720	7280	8000
Cement (Concrete) Finisher	244G	Yes	Non-Compulsory	Yes	Grade 10	2	480	4020	4500 (hours-based)
Chef	415C	No	Non-Compulsory	No	C of Q + 1 year	1	360	2260	2620
Child and Youth Worker	620A	No	Non-Compulsory	No	Grade 12	4	960	6240	7200
Child Development Practitioner	620C	No	Non-Compulsory	No	Grade 12	Reportable Subjects	750	5280	6030
Computer Numerical Control (CNC) Programmer INACTIVE – NO NEW REGISTRATIONS	670C	No	Non-Compulsory	No	C of Q in related trade	1	240	4000	4240
Concrete Pump Operator	637C	Yes	Non-Compulsory	No	Grade 12	1	159	2000	2159
Construction Boilermaker	428A	Yes	Non-Compulsory	Yes	Grade 10	3	720	5880	6600 (hours-based)

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Construction Craft Worker	450A	Yes	Non-Compulsory	Yes	Grade 10	2	480	2400	2880
Construction Millwright	426A	Yes	Non-Compulsory	No	Grade 10	3	720	7280	8000 (hours-based)
Cook	415A	Yes	Non-Compulsory	Yes	Grade 12	2	720	5280	6000
Developmental Services Worker	620D	No	Non-Compulsory	No	Grade 12	1	780	3720	4500
Die Designer INACTIVE – NO NEW REGISTRATIONS	670D	No	Non-Compulsory	No	C of Q in related trade	1	240	4000	4240
Draftsperson Mechanical INACTIVE – NO NEW REGISTRATIONS	614A	No	Non-Compulsory	No	Grade 12	1	573	7400	7973
Draftsperson Plastic Mould Design INACTIVE – NO NEW REGISTRATIONS	614B	No	Non-Compulsory	No	Grade 12	1	600	7400	8000
Draftsperson Tool and Die Design	614C	No	Non-Compulsory	No	Grade 12	1	600	7400	8000
Drywall Finisher and Plasterer	453A	Yes	Non-Compulsory	Yes	Grade 10	1	480	4920	5400 (hours-based)
Drywall, Acoustic and Lathing Applicator	451A	Yes	Non-Compulsory	Yes	Grade 10	2	600	4800	5400 (hours-based)
Educational Assistant	620E	No	Non-Compulsory	No	Grade 12	1	432	2268	2700

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Electric Motor System Technician	446A	Yes	Non-Compulsory	No	Grade 12	2	480	7520	8000
Electrician Construction and Maintenance	309A	Yes	Compulsory	Yes	Grade 10	4	1050	7950	9000 (hours-based)
Electrician Domestic and Rural	309C	Yes	Compulsory	No	Grade 10	3	810	6390	7200 (hours-based)
Electrician (Signal Maintenance)	289F	No	Non-Compulsory	No	Grade 12	1	240	8280	8520
Electronic Service Technician	416E	No	Non-Compulsory	No	Grade 12	1	720	7280	8000
Elevating Devices Mechanic	636E	Yes - Offered by TSSA	Non-Compulsory	No	Grade 12	1	720	7280	8000
Entertainment Industry Power Technician	269E	Yes	Non-Compulsory	No	Grade 12	4	480	4520	5000
Exterior Insulated Finish Systems Mechanic	455A	No	Non-Compulsory	No	Grade 12	1	400	5400	5800
Facilities Mechanic	255W	Yes	Non-Compulsory	No	Grade 12	2	480	5520	6000
Facilities Technician	255B	Yes	Non-Compulsory	No	Grade 12	3	720	7280	8000
Floor Covering Installer	448A	Yes	Non-Compulsory	Yes	Grade 10	2	600	5400	6000 (hours-based)

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Fuel and Electrical Systems Technician ¹⁰ - INACTIVE – NO NEW REGISTRATIONS	310C	No	Compulsory	No	Grade 12	N/A	960	6500	7460
Gemsetter/Goldsmith	606G	No	Non-Compulsory	No	Grade 12	1	480	7520	8000
General Carpenter	403A	Yes	Non-Compulsory	Yes	Grade 10	3	720	6480	7200 (hours-based)
General Machinist	429A	Yes	Non-Compulsory	Yes	Grade 12	3	720	7280	8000
Hairstylist	332A	Yes	Compulsory	No	Grade 12	2	480	3020	3500
Hazardous Materials Worker	253H	Yes	Non-Compulsory	No	Grade 10	1	102	2898	3000
Heat and Frost Insulator	253A	Yes	Non-Compulsory	Yes	Grade 10	3	630	5770	6400 (hours-based)
Heavy Duty Equipment Technician	421A	Yes	Non-Compulsory	Yes	Grade 12	3	720	6280	7000
Heavy Equipment Operator Dozer	636C	Yes	Non-Compulsory	Yes	Grade 12	2	300	2260	2560
Heavy Equipment Operator Excavator	636B	Yes	Non-Compulsory	Yes	Grade 12	2	300	2260	2560

¹⁰ Fuel and Electrical Systems Technician (310C) – No new registrations.

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Heavy Equipment Operator Tractor Loader Backhoe	636A	Yes	Non-Compulsory	Yes	Grade 12	2	300	2260	2560
Hoisting Engineer Mobile Crane Operator 1	339A	Yes	Compulsory	Yes	Grade 10	4	480	5520	6000 (hours-based)
Hoisting Engineer Mobile Crane Operator 2	339C	Yes	Compulsory	No	Grade 10	1	240	760	1000 (hours-based)
Hoisting Engineer Tower Crane Operator	339B	Yes	Compulsory	Yes	Grade 10	3	360	2640	3000 (hours-based)
Horse Groom	600H	No	Non-Compulsory	No	Grade 12	1	402	3598	4000
Horse Harness Maker INACTIVE – NO NEW REGISTRATIONS	219D	No	Non-Compulsory	No	Grade 12	2	600	7400	8000
Horticultural Technician	441C	Yes	Non-Compulsory	Yes	Grade 12	2	720	5400	6120
Hydraulic/Pneumatic Mechanic	277Z	No	Non-Compulsory	No	Grade 12	1	600	7400	8000
Industrial Electrician	442A	Yes	Non-Compulsory	Yes	Grade 12	4	1050	7950	9000
Industrial Mechanic Millwright	433A	Yes	Non-Compulsory	Yes	Grade 12	3	720	7280	8000
Institutional Cook	415D	Yes	Non-Compulsory	No	Grade 12	1	360	3600	3960

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Instrumentation and Control Technician	447A	Yes	Non-Compulsory	Yes	Grade 12	3	720	7280	8000
Ironworker Generalist	420B	Yes	Non-Compulsory	Yes	Grade 10	3	720	7280	8000 (hours-based)
Ironworker Structural and Ornamental	420A	Yes	Non-Compulsory	Yes	Grade 10	3	720	5280	6000 (hours-based)
IT Contact Centre Sales Agent	634D	No	Non-Compulsory	No	Grade 12	2	180	3820	4000
IT Contact Centre Customer Service Agent	634E	No	Non-Compulsory	No	Grade 12	2	180	3820	4000
IT Contact Centre Technical Support Agent	634A	No	Non-Compulsory	No	Grade 12	2	270	3730	4000
IT Hardware Technician	634B	No	Non-Compulsory	No	Grade 12	2	630	6420	7050
IT Network Technician	634C	No	Non-Compulsory	No	Grade 12	2	720	6340	7060
Light Rail Overhead Contact Systems Linesperson	207S	No	Non-Compulsory	No	Grade 12	1	300	8000	8300
Locksmith	259L	No	Non-Compulsory	No	Grade 12	2	480	6000	6480
Machine Tool Builder and Integrator	430M	Yes	Non-Compulsory	No	Grade 12	3	720	7280	8000

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Marine Engine Technician	435B	Yes	Non-Compulsory	No	Grade 12	3	720	4280	5000
Metal Fabricator (Fitter)	437A	Yes	Non-Compulsory	Yes	Grade 12	3	720	4680	5400
Micro Electronics Manufacturer	630A	No	Non-Compulsory	No	Grade 12	3	304	4000	4304
Motive Power Machinist	410K	Yes	Non-Compulsory	No	Grade 12	3	720	5340	6060
Motorcycle Technician	310G	Yes	Compulsory	Yes	Grade 12	2	480	5520	6000
Mould Designer INACTIVE – NO NEW REGISTRATIONS	670E	No	Non-Compulsory	No	C of Q in related trade	1	240	3760	4000
Mould Maker	431A	Yes	Non-Compulsory	No	Grade 12	3	720	7280	8000
Mould or Die Finisher INACTIVE – NO NEW REGISTRATIONS	277M	No	Non-Compulsory	No	Grade 12	1	240	3760	4000
Native (Indigenous) Clothing and Crafts Artisan	296B	No	Non-Compulsory	No	Grade 12	1	480	3520	4000
Native Residential Construction Worker	296A	No	Non-Compulsory	No	Grade 12	2	480	4000	4480
Network Cabling Specialist	631A	Yes	Non-Compulsory	No	Grade 12	2	576	4000	4576

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Optics Technician (Lens and Prism Maker)	225A	No	Non-Compulsory	No	Grade 12	1	100	8000	8100
Packaging Machine Mechanic INACTIVE – NO NEW REGISTRATIONS	609C	No	Non-Compulsory	No	Grade 12	1	160	7840	8000
Painter and Decorator Commercial and Residential	404C	Yes	Non-Compulsory	Yes	Grade 10	3	720	5280	6000 (hours-based)
Painter and Decorator Industrial	404D	Yes	Non-Compulsory	No	Grade 10	3	720	5280	6000 (hours-based)
Parts Technician	240P	Yes	Non-Compulsory	Yes	Grade 12	2	540	5460	6000
Pattern Maker	443A	Yes	Non-Compulsory	No	Grade 12	3	720	7280	8000
Plumber	306A	Yes	Compulsory	Yes	Grade 10	3	720	8280	9000 (hours-based)
Powered Lift Truck Technician	282E	Yes	Non-Compulsory	No	Grade 12	3	720	6280	7000
Powerline Technician	434A	Yes	Non-Compulsory	Yes	Grade 10	4	320	7680	8000 (hours-based)
Precast Concrete Erector	244K	No	Non-Compulsory	No	Grade 10	2	600	4800	5400 (hours-based)
Precast Concrete Finisher INACTIVE – NO NEW REGISTRATIONS	244L	No	Non-Compulsory	No	Grade 10	2	600	3900	4500 (hours-based)

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Pressure Systems Welder	456P	Yes	Non-Compulsory	No	Grade 12	2	480	5280	5760
Process Operator Food Manufacturing	246T	No	Non-Compulsory	No	Grade 12	3	300	4000	4300
Process Operator Power	246R	No	Non-Compulsory	No	Grade 12	1	720	6480	7200
Process Operator Refinery, Chemical and Liquid Processes	246F	No	Non-Compulsory	No	Grade 12	1	720	6480	7200
Process Operator Wood Products INACTIVE – NO NEW REGISTRATIONS	246W	No	Non-Compulsory	No	Grade 12	3	720	6000	6720
Railway Car Technician	268R	Yes	Non-Compulsory	No	Grade 12	3	720	7280	8000
Recreation Vehicle Technician	690H	Yes	Non-Compulsory	Yes	Grade 12	3	720	6280	7000
Refractory Mason INACTIVE – NO NEW REGISTRATIONS	401R	No	Non-Compulsory	No	C of Q in related trade	1	240	4000	4240
Refrigeration and Air Conditioning Systems Mechanic	313A	Yes	Compulsory	Yes	Grade 10	3	720	8280	9000 (hours-based)
Reinforcing Rodworker	452A	Yes	Non-Compulsory	Yes	Grade 10	2	360	3640	4000 (hours-based)
Relay and Instrumentation Technician	288R	No	Non-Compulsory	No	Grade 12	4	320	7680	8000

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Residential (Low Rise) Sheet Metal Installer	308R	Yes	Compulsory	No	Grade 10	2	360	4140	4500 (hours-based)
Residential Air Conditioning Systems Mechanic	313D	Yes	Compulsory	No	Grade 10	2	480	4020	4500 (hours-based)
Restoration Mason	244H	No	Non-Compulsory	No	Grade 10	2	660	5340	6000 (hours-based)
Retail Meat Cutter	245R	No	Non-Compulsory	No	Grade 12	1	540	3460	4000
Roofer	449A	Yes	Non-Compulsory	Yes	Grade 10	2	480	3520	4000 (hours-based)
Saddlery INACTIVE – NO NEW REGISTRATIONS	219C	No	Non-Compulsory	No	Grade 12	1	560	5440	6000
Saw Filer/Fitter	611B	No	Non-Compulsory	No	Grade 12	2	480	8000	8480
Sheet Metal Worker	308A	Yes	Compulsory	Yes	Grade 10	3	720	8280	9000 (hours-based)
Small Engine Technician	435A	Yes	Non-Compulsory	No	Grade 12	2	480	4520	5000
Special Events Coordinator INACTIVE – NO NEW REGISTRATIONS	297B	No	Non-Compulsory	No	Grade 12	1	375	5000	5375
Sprinkler and Fire Protection Installer	427A	Yes	Compulsory	Yes	Grade 10	3	720	6480	7200 (hours-based)

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Steamfitter	307A	Yes	Compulsory	Yes	Grade 10	3	720	8280	9000 (hours-based)
Surface Blaster	278B	Yes	Non-Compulsory	No	Grade 12	2	360	2240	2600
Surface Mount Assembler	630B	No	Non-Compulsory	No	Grade 12	1	323	4677	5000
Terrazzo, Tile and Marble Setter	241A	Yes	Non-Compulsory	Yes	Grade 10	2	720	4880	5600 (hours-based)
Thin Film Technician	225F	No	Non-Compulsory	No	Grade 12	1	80	8000	8080
Tool and Cutter Grinder	602C	No	Non-Compulsory	No	Grade 12	1	240	3760	4000
Tool and Die Maker	430A	Yes	Non-Compulsory	Yes	Grade 12	3	720	7280	8000
Tool and Gauge Inspector INACTIVE – NO NEW REGISTRATIONS	239B	No	Non-Compulsory	No	C of Q in related trade	1	170	3830	4000
Tool/Tooling Maker	630T	Yes	Non-Compulsory	No	Grade 12	3	720	7280	8000
Tractor-Trailer Commercial Driver	638A	No	Non-Compulsory	No	Grade 10	N/A	0	3000	3000
Transmission Technician	310D	Yes	Compulsory	No	Grade 12	2	480	6000	6480

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Truck and Coach Technician	310T	Yes	Compulsory	Yes	Grade 12	3	720	6000	6720
Truck-Trailer Service Technician	310J	Yes	Compulsory	Yes	Grade 12	2	480	4000	4480
Turf Equipment Technician	421C	No	Non-Compulsory	No	Grade 12	3	720	4280	5000
Utility Arborist	444B	Yes	Non-Compulsory	No	Grade 12	2	660	5340	6000
Water Well Driller	605B	No	Non-Compulsory	No	Grade 12	2	480	4520	5000
Welder	456A	Yes	Non-Compulsory	Yes	Grade 12	3	720	5280	6000

¹ The name for a prescribed trade in the province of Ontario.

² A unique numerical identifier for the trade.

³ Indicates that the trade has an exam for certification.

⁴ A trade is classified as either compulsory or non-compulsory. Compulsory trades require that you be a registered apprentice, Provisional Certificate of Qualification holder or Certificate of Qualification holder to legally work in the trade.

⁵ Indicates whether a trade is eligible to have a Red Seal endorsement applied to its Ontario certification. Red Seal trades have an Interprovincial Red Seal Examination.

⁶ Indicates minimum academic requirement for entry into the apprenticeship program.

⁷ Duration of theoretical training in the apprenticeship program.

⁸ Duration of practical training in the apprenticeship program.

⁹ The total of both the on-the-job and in-school curriculum hours required to complete the apprenticeship program. A trade labeled as “hours-based” requires that an apprentice must complete on-the-job training for the entire duration of the program’s prescribed hours. All other trades are considered “competency-based”, where the hours prescribed in regulation are industry guidelines, and the sponsor is responsible for assessing and approving an apprentice’s on-the-job training. All trades labeled as “hours-based” are also ratio trades, where a ratio of 1 journey person to 1 apprentice must be maintained at all times.