



EDUCATIONAL PATHWAYS FOR SPECIALTY TRADE CAREERS

- Direct Entry Following High School Diploma
- Apprenticeship and Trades Training
- College Diploma or Certificate Training
- University Degree


































































The pathways indicated are the minimum required education levels recommended for these occupations. In many of the occupations listed, additional training and certifications will make your resume more attractive to employers and hiring managers.

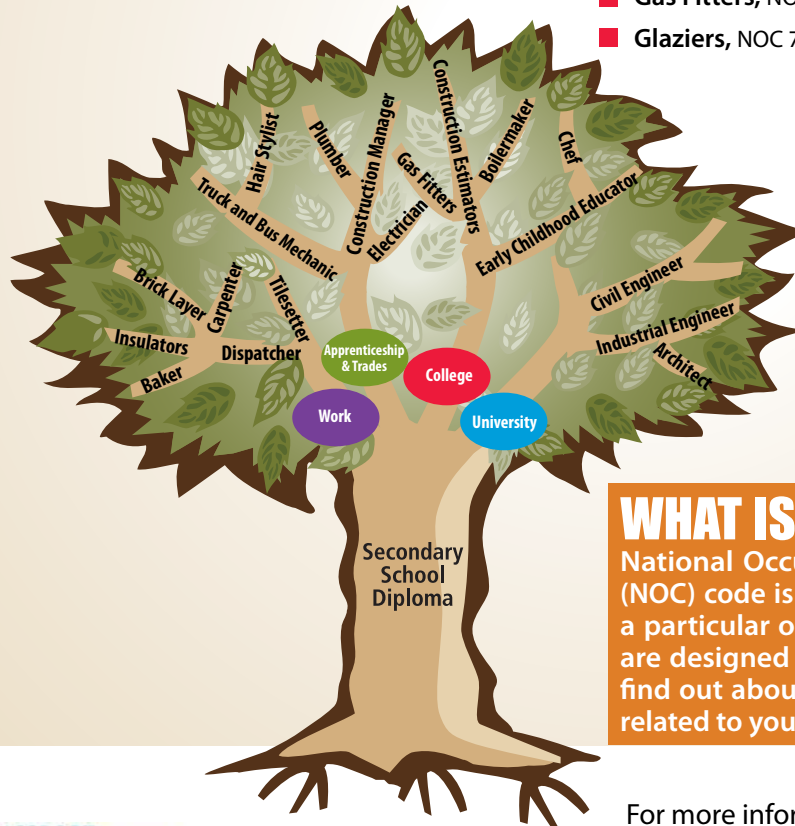
This chart is a guide to career titles used for pathways in specialty trade occupations. Further research will find additional careers and titles. The content of this document is for general information only. It is subject to change without notice.

Consult Guidance and Co-op Education Staff for more career information.

-  The **Interprovincial Standards Red Seal Program** allows registered tradespersons to work across Canada without further certification.
-  Workers in **compulsory trades** must be certified or registered as an apprentice in order to work in Ontario.

CONSTRUCTION TRADES

-  Architects, NOC 2151
-  Architectural Technologists and Technicians, NOC 2251
-  Boilermaker, NOC 7262 
-  Brick and Stone Mason, NOC 7281 
-  Brick Layer, NOC 7281 
-  Cabinetmakers, NOC 7272 
-  Carpenter (general), NOC 7215 
-  Civil Engineer, NOC 2131
-  Civil Engineering Technologists, NOC 2231
-  Concrete Finishers, NOC 7282
-  Concrete Pump Operator, NOC 7611
-  Concrete, Clay and Stone Forming Operators, NOC 9414
-  Construction Estimators, NOC 2234
-  Construction Inspectors, NOC 2264
-  Construction Manager, NOC 0711
-  Construction Millwrights and Industrial Mechanics, NOC 7311 
-  Crane Operator, NOC 7371 
-  Electrician, NOC 7241 
-  Floor Covering Installer, NOC 7295 
-  Furniture Finishers and Refinishers, NOC 9494
-  Gas Fitters, NOC 7253
-  Glaziers, NOC 7292 
-  Heavy Equipment Operator (except Crane), NOC 7241
-  Industrial Electrician, NOC 7242 
-  Insulators, NOC 7293
-  Ironworker, NOC 7264 
-  Landscape and Horticulture Technicians and Specialists, NOC 2225
-  Light Duty Cleaners, NOC 6661
-  Material Handlers, NOC 7452
-  Other Trades Helpers and Labourers, NOC 7612
-  Painter/Decorator, NOC 7294 
-  Plasterers, Drywall Installers and Finishers and Lathers, NOC 7284
-  Plumber, NOC 7251 
-  Power Line Technician, NOC 7244 
-  Refractory Mason, NOC 7281 
-  Refrigeration & Air Conditioning Mechanics, NOC 7313 
-  Residential Home Builders & Renovators, NOC 0712
-  Roofers and Shinglers, NOC 7291 
-  Sheet Metal Workers, NOC 7261 
-  Stationary Engineers & Auxiliary Equipment Operators, NOC 7351
-  Steamfitters, Pipefitters and Sprinkler System Installers, NOC 7252 
-  Technical Sales Specialist, Wholesale Trade, NOC 6221
-  Tiler, NOC 7283
-  Welders and Related Machine Operators, NOC 7265 



WHAT IS A NOC CODE?

National Occupation Classification (NOC) code is a number assigned to a particular occupation. NOC codes are designed so that you can easily find out about occupations that are related to your career choice.

For more information on occupations visit www.workingincanada.gc.ca, www.apprenticesearch.com, and www.workforceplanningboard.org


Direct Entry Following
High School Diploma

Apprenticeship and
Trades Training

College Diploma or
Certificate Training

University Degree

 Red Seal Trade









 Compulsory Trades

MOTIVE POWER TRADES

- Automotive Mechanical Installers and Services, NOC 7443
- Automotive Service Technicians and Mechanical Repairers, NOC 7321  
- Contractors and Supervisors, Mechanic Trades, NOC 7216
- Heavy-Duty Equipment Mechanics, NOC 7312 
- Motor Vehicle Body Repairers, NOC 7322  
- Motorcycle and Other Related Mechanics, NOC 7334  
- Recreational Vehicle Technician, NOC 7383 
- Small Engine and Equipment Mechanics, NOC 7335
- Truck and Bus Mechanic, NOC 7321  
- Truck and Trailer Service Technician, NOC 7321  

INDUSTRIAL TRADES

- Aircraft Mechanics and Aircraft Inspectors, NOC 7315
- Blacksmiths and Die Setters, NOC 7266
- Boilermaker, NOC 7262 
- Cabinetmakers, NOC 7272 
- Construction Millwrights and Industrial Mechanics, NOC 7311 
- Drafting Technologists and Technicians, NOC 2253
- Drillers and Blasters – Surface Mining, Quarrying and Construction, NOC 7372
- Electrical Mechanics, NOC 7333 
- Elevator Constructors and Mechanics, NOC 7318
- Facility Operation and Maintenance Managers, NOC 0721
- Hydraulics Mechanic, NOC 7312 

- Industrial and Manufacturing Engineers, NOC 2141
- Industrial Electrician, NOC 7242  
- Industrial Engineering and Manufacturing Technologists and Technicians, NOC 2233
- Industrial Instrument Technicians and Mechanics, NOC 2243 
- Labourers in Metal Fabrication, NOC 9612
- Labourers in Processing, Manufacturing and Utilities, NOC 9619
- Machinists and Machining and Tooling Inspectors, NOC 7231  
- Mechanical Engineers, NOC 2132
- Motor Vehicle Assemblers, Inspectors and Testers, NOC 9482
- Oil and Solid Fuel Heating Mechanics, NOC 7331
- Other Wood Processing Machine Operators, NOC 9434
- Painters & Coaters (Industrial), NOC 9496
- Patternmakers:Textile, NOC 5245
- Petroleum, Gas and Chemical Process Operators, NOC 9232
- Power Systems and Power Station Operators, NOC 7352
- Process Control & Machine Operators, Food & Beverage Processing, NOC 9461
- Railway Carperson, NOC 7314
- Railway Track Maintenance Workers, NOC 7432
- Shippers and Receivers, NOC 1471
- Specialized Cleaners, NOC 6662
- Structural Metal and Platework Fabricators and Fitters, NOC 7263 
- Tool and Die Makers, NOC 7232 
- Truck Driver, NOC 7411
- Welders and Related Machine Operators, NOC 7265  

SERVICE TRADES

- Bakers, NOC 6252
- Butchers - Retail & Wholesale, NOC 6251
- Chef, NOC 6241 
- Child and Youth Worker, NOC 4212
- Community & Social Service Workers, NOC 4212
- Conference & Event Planners, NOC 1226
- Cook, NOC 6242 
- Early Childhood Educator, NOC 4214
- Electric Appliance Servicers and Repairers, NOC 7332 
- Electronic Service Technicians (Household and Business Equipment), NOC 2242  
- Elementary and Secondary School Teacher Assistants, NOC 6472
- Farm Supervisors and Specialized Livestock Workers, NOC 8253
- Hairstylists and Barbers, NOC 6271  
- Harvesting Labourers, NOC 8611
- Information Technology - Contact Centre Inside Sales Agent, NOC 2282
- Information Technology - Network Technician, NOC 2282
- Landscape and Horticulture Technicians and Specialists, NOC 2225
- Network-Cabling Specialist, NOC 7245
- Parts Technician/Clerk, NOC 1472 
- Pastry Chef, NOC 6241 
- Pet Groomers and Animal Care Workers, NOC 6483
- Tailors, Dressmakers, Furriers and Milliners, NOC 7342
- Telecommunications Installation and Repair Workers, NOC 7246

Essential Skills... The Building Blocks of Success

- 1. Reading Text**
Sentences or paragraphs
- 2. Document Use**
Graphs, lists, tables, blueprints, schematics, drawings, signs and labels
- 3. Numeracy**
Use numbers and numerical terms
- 4. Writing**
Text, documents or computer typing
- 5. Oral Communications**
Give and exchange thoughts and information
- 6. Working with Others**
Working co-operatively with others and self-discipline to meet work targets
- 7. Continuous Learning**
Participating in acquiring skills and knowledge
- 8. Thinking Skills**
Problem solving, decision making critical thinking, job task planning and organizing and ability to find information
- 9. Computer Use**
The variety and complexity of computer use

For more information on essential skills visit... <http://skills.edu.gov.on.ca/OSPWeb/jsp/en/NOCListing.jsp?sort=N>

*This document was adapted from the
Hamilton Training Advisory Board.*