

EDUCATIONAL PATHWAYS FOR GREEN 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 potentially green 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.

UTILITIES

- Chemical Technicians, NOC 2211
- Civil Engineers, NOC 2131
- Customer Service Clerks, NOC 1453
- Electrical and Electronics Engineering Technologists and Technicians, NOC 2241
- Electrical Power Line and Cable Workers, NOC 7244
- Heavy Equipment Operators, NOC 7421
- Industrial Engineering and Manufacturing Technologists and Technicians, NOC 2233
- Mechanical Engineering Technologists and Technicians, NOC 2232
- Power System Electricians, NOC 7243
- Power Systems Operators, NOC 7352
- Utilities Manager, NOC 0912

ADMINISTRATION & SUPPORT, WASTE MANAGEMENT & REMEDIATION SERVICES

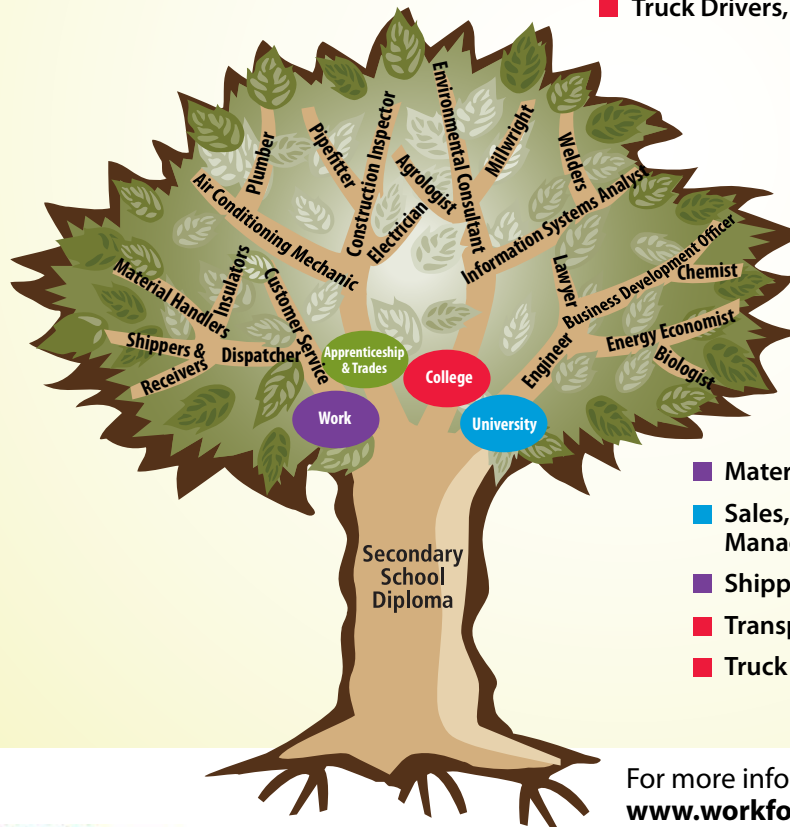
- Automotive Service Technicians, Truck and Bus Mechanics & Mechanical Repairers, NOC 7321
- Chemical Technicians, NOC 2211
- College/Vocational Instructors, NOC 4131
- Customer Service Clerks, NOC 1453
- Dispatchers and Radio Operators, NOC 1475
- Facility Operation and Maintenance Managers, NOC 0721
- Material Handlers, NOC 7452
- Public Works and Maintenance Labourers, NOC 7621
- Sales, Marketing and Advertising Managers, NOC 0611
- Truck Drivers, NOC 7411

BIOGAS

- Business Development Officers/Rural Development, NOC 4163
- Chemical Technicians, NOC 2211
- Chemists/Agricultural Chemists, NOC 2112
- Construction Inspectors, NOC 2264
- Construction Millwrights and Industrial Millwrights, NOC 7311
- Construction Labourers, NOC 7611
- Drafting Technologists, NOC 2253
- Electricians, NOC 7241
- Energy Economist, NOC 4162
- Energy from Waste Plant Operator/Stationary Engineer, NOC 7351
- Engineer, Agro-processing/Dairy Plant/Agriculture, NOC 2148
- Engineering Technologist, NOC 2241
- Environmental Consultant, NOC 4161
- Environmental Health and Safety Technician, NOC 2263
- Farm Supervisors and Specialized Livestock Workers, NOC 8253
- Land Survey Technologists and Technicians, NOC 2254
- Lawyers; Environmental Loan Officers, Energy & Technology, NOC 4112
- Refrigeration and Air Conditioning Mechanic/HVAC, NOC 7313
- Steamfitters/Pipefitters, NOC 7252

TRANSPORTATION & WAREHOUSING

- Automotive Service Technicians, Truck and Bus Mechanics and Mechanical Services, NOC 7321
- Bus Drivers and Other Transit Operators, NOC 7412
- Dispatchers and Radio Operators, NOC 1475
- Material Handlers, NOC 7452
- Sales, Marketing and Advertising Managers, NOC 0611
- Shippers and Receivers, NOC 1471
- Transportation Managers, NOC 0713
- Truck Drivers, NOC 7411



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.

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BIOMASS

- Agricultural Chemists, NOC 2112
- Agrologists/Soil Conservationist, NOC 2123
- Biological Technicians/Wildlife Management, NOC 2221
- Biologist/Botanist, NOC 2121
- Construction Inspectors, NOC 2264
- Construction Trades Helpers and Labourers, NOC 7611
- Energy Economist, NOC 4162
- Engineer, Civil/Environment, NOC 2131
- Engineering Technologist, NOC 2241
- Environmental Planner/Land Use Planner, NOC 2153
- Farmers and Farm Managers, NOC 8251
- Insulators, NOC 7293
- Logging Machinery Operators, NOC 8241
- Mechanical Engineering Technician and Technologist, NOC 2232

GEOHERMAL

- Construction Inspector, NOC 2264
- Construction Millwrights and Industrial Millwrights, NOC 7311
- Contractors Supervisors/Other Construction Trades, NOC 7219
- Engineer, Civil/Environment, NOC 2131
- Engineer, Mechanical/HVAC/Thermal Design, NOC 2132
- Environmental Technician, NOC 2231
- Insulators, NOC 7293
- Land Survey Technicians, NOC 2254
- Plumber, NOC 7251
- Refrigeration and Air Conditioning Mechanic/HVAC, NOC 7313
- Residential Home Builders, NOC 0712

- Sales, Marketing and Advertising Managers, NOC 0611
- Sheet Metal Workers, NOC 7261
- Steamfitters/Pipefitters, NOC 7252
- Technical Products Specialist, NOC 6221
- Welders and Related Machine Operators, NOC 7265

GREEN BUILDING & CONSTRUCTION

- Architects/Architectural Standards Specialist, NOC 2151
- Construction Inspectors, NOC 2264
- Contractors Supervisors/Other Construction Trades, NOC 7219
- Electricians, NOC 7241
- Engineer, Mechanical/HVAC/Thermal Design, NOC 2132
- Engineers, Civil/Environment, NOC 2131
- Environmental Consultant, NOC 4161
- Environmental Technician, NOC 2231
- Health and Safety Inspectors, NOC 2263
- Insulators, NOC 7293
- Insurance Agents and Brokers, NOC 6231

- Plumbers, NOC 7251
- Refrigeration and Air Conditioning Mechanic/HVAC, NOC 7313
- Residential Home Builders and Renovators, NOC 0712
- Roofers and Shinglers, NOC 7291
- Sheet Metal Workers, NOC 7261
- Steamfitters/Pipefitters, NOC 7252

SOLAR

- Construction Inspectors, NOC 2264
- Electricians, NOC 7241
- Construction Labourers, NOC 7611
- Contractor Supervisors, NOC 7219
- Engineer, Electrical, NOC 2133

- Environmental Consultant, NOC 4161
- Environmental Technician and Technologist, NOC 2231
- Information Systems Analysts, NOC 2171
- Labourers in Manufacturing and Utilities, NOC 9619
- Roofers and Shinglers, NOC 7291
- Sales, Marketing and Advertising Managers, NOC 0611
- Solar Installers and Technicians, NOC 7441
- Technical Sales Specialist/ Technical Products Specialist, NOC 6221

SUSTAINABLE FORESTRY

- Agrologists/Soil Conservationist, NOC 2123
- Biological Technicians/Wildlife Management, NOC 2221
- Biologist/Botanist, NOC 2121
- Chainsaw & Skidder Operators: Lumberjack, Wood Marker, NOC 8421
- Conservation Officers/Natural Resources Officer, NOC 2224
- Environmental Consultant, NOC 4161
- Environmental Planner/Land Use Planner, NOC 2153
- Forestry Technicians, NOC 2223
- Geological and Mineral Technologists and Technicians, NOC 2212
- Mapping and Related Technologists and Technicians, NOC 2255
- Lawyers: Environmental Loan Officers, Energy & Technology, NOC 4112
- Logging and Forestry Labourers, NOC 8616
- Logging Machinery Operators, NOC 8241
- Registered Professional Forester, NOC 2122

WIND

- Architects/Architectural Standards Specialists, NOC 2151
- Business Development Officers/Rural Development, NOC 4163
- Electrical Power-line and Cable Workers, NOC 7244
- Electricians, NOC 7241
- Engineer, Electrical, NOC 2133
- Engineering Technologist, NOC 2241
- Environmental Consultant, NOC 4161
- Industrial Engineering Technologists/ Manufacturing/CNC, NOC 2233
- Labourers in Processing, Manufacturing and Utilities, NOC 9619
- Lawyers: Environmental Loan Officers, Energy & Technology, NOC 4112
- Machinists and Machining and Tooling Inspectors, NOC 7231
- Power System Electricians, NOC 7243
- Solar Installers and Technicians, NOC 7441
- Technical Products Specialist, NOC 6221

MANUFACTURING

- Construction Millwrights and Industrial Mechanics, NOC 7311
- Health and Safety Inspectors, NOC 2263
- Industrial Electricians, NOC 7242
- Machinists & Tooling Inspectors, NOC 7231
- Manufacturing Managers, NOC 0911
- Material Handlers, NOC 7452
- Motor Vehicle Assemblers, Inspectors and Testers, NOC 9482
- Process Control & Machine Operators, NOC 9461
- Welders & Related Machine Operators, NOC 7265