

Career Profile Handbook


CANADA





Innovation and
Advanced Learning



Choosing a career is one of the most important decisions you will ever make.

As Prince Edward Island's Minister of Innovation and Advanced Learning, I encourage everyone to read this Career Profile Handbook to begin the decision-making process.

The Government of Prince Edward Island is focusing on key growth industries such as aerospace, bioscience, information technology, and renewable energy. As outlined in the economic and innovation strategy, Island Prosperity: A Focus For Change, we are committed to diversifying the economy to create new rewarding and sustainable jobs for Islanders.

Government is also working closely with industry and post-secondary institutions to offer employment training programs to assist businesses and employees succeed in today's competitive marketplace.

The Career Profile Handbook provides a wealth of information on various careers, salaries, required skills and job prospects, as well as the general training and education requirements for the job.

The Career Profile Handbook can help you make a well-informed decision. The information provided will help you match your skills and abilities with a wide variety of career opportunities available across the province.

As you will soon find out, exciting career opportunities are available on Prince Edward Island. Good luck as you embark on your career!

Sincerely,

Hon. Allan V. Campbell
Minister
Innovation and Advanced Learning

Build a Career. Create a Life.

It is a great time to live and work in Prince Edward Island (PEI). Many of PEI's industries are experiencing great prosperity and exciting innovations are emerging. As new industries develop so do careers within those industries. This Career Profile Handbook outlines a wide variety of careers that exist in Prince Edward Island in the following sectors: aerospace, agriculture, bioscience, construction, culture, financial services, health, IT, manufacturing and skilled trades, professional engineering, seafood processing, tourism and truck transportation.

The PEI Population Secretariat has created this handbook to assist you in starting your own research and learning more about the exciting career opportunities in Prince Edward Island. This handbook is also available online at www.PEJoblink.ca.

All efforts have been made to ensure that this information is complete and accurate. Due to the evolving nature of the industries, companies, wage scales and educational institutions, some elements may change over time.

If you would like to be included in an upcoming edition, make comments, request additional copies or are aware of any errors please contact us:

Career Profile Handbook

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PEI Cultural Human Resources
Sector Council
PEI Health Sector Council
PEI Job Futures
PEI Residential Construction
Sector Council
PEI Seafood Processors Association
PEI Trucking Sector Council
Prince Edward Island BioAlliance
Tourism Industry Association of
Prince Edward Island

Glossary

Academy of Learning Career and Business College - located in Charlottetown, PEI

apprenticeship - the study of a trade through a combination of required on-the-job training and classroom study, requiring approximately 4 years

Atlantic Veterinary College - located at the University of Prince Edward Island in Charlottetown, PEI

bachelor's degree (degree, bachelor of) - an academic degree requiring approximately 4 years of study at an accredited university (example: bachelor of business administration-BBA)

certificate - fulfillment of requirements of a varying amount of study (ranging from days to months) issued by a group, private organization, college, university, etc. (example: Machinist Certificate)

Collège Acadie Î.-P.-É. - delivers programs in Wellington, Charlottetown and DeBlois, PEI

CompuCollege - located in Charlottetown, PEI

Culinary Institute of Canada - located in Charlottetown, PEI

Dalhousie University - located in Halifax, Nova Scotia

diploma - is a qualification requiring a varying amount of study (approximately 1-3 years) issued by an educational institution such as a college or university (example: Welder diploma)

doctorate degree (doctorate, doctorate in) - one of the highest academic degrees obtainable after completing a bachelor's degree as well as a master's degree and requiring approximately 2-years of study at an accredited university (example: doctorate in philosophy-PhD)

emerit - tourism training products and programs available through the Tourism Industry Association of Prince Edward Island

Holland College - has training centres across PEI

master's degree (master, master of) - an academic degree completed after a bachelor's degree, requiring approximately 1-2 years of study at an accredited university (example: master of science-MSc)

Memorial University - located in Newfoundland and Labrador

New Brunswick Community College - has numerous campuses across New Brunswick

Nova Scotia Agricultural College - located in Truro, Nova Scotia

Nova Scotia College of Art and Design - located in Halifax, Nova Scotia

Nova Scotia Community College - has numerous campuses across Nova Scotia

Oulton College - located in Moncton, New Brunswick

Glossary

Population Secretariat - a division of the Department of Innovation and Advanced Learning, is responsible for the retention of Prince Edward Island residents including newcomers, the attraction and settlement of newcomers and the repatriation of residents to Prince Edward Island. (www.opportunitiespei.ca)

professional engineer - has fulfilled the education and experience requirements, has passed the required exams and has then been authorized to sign off on design work, plans and/or official technical documents

Red Seal - a program which encourages standardization of provincial and territorial apprenticeship training and certification programs

The Red Seal allows qualified tradespersons to practice their trade in any province or territory in Canada where the trade is designated without having to write further examinations.

salary range - approximate average of wages earned on a per hour or per year basis

UPEI - (University of Prince Edward Island) is located in Charlottetown, PEI

University of New Brunswick - has a campus in Fredericton, New Brunswick and a campus in Saint John, New Brunswick

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Manufacturing and Skilled Trades

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Aerospace

Aerospace is now one of the largest industries in Prince Edward Island, employing over 800 individuals and accounting for 25% of the province's annual international exports.

Companies operating within the PEI Aerospace cluster include: Action Aero, Vector Atlantic, Honeywell Engines Systems and Services, Marand Engineering, MDS-PRAD Technologies Corporation, Testori Americas Corporation, Tronosjet Maintenance Inc., Tube-Fab Ltd., and Wiebel Aerospace. These companies provide a wide range of products and services to aviation markets across the world, including product manufacturing and maintenance, repair and overhaul (MRO) services. High standards of quality and excellence are essential in this industry.

As an expanding sector, Prince Edward Island's Aerospace Industry will continue to present a range of excellent opportunities for career seekers of all ages. If you enjoy working with your hands, have mechanical abilities and take pride in your work, we invite you to find your place in Aerospace today!

A career in Aerospace offers opportunities that will challenge and reward you and provide you and your family with stability and opportunities that could take you places you've never imagined. It could make you part of one of the world's most advanced industries. Truly, the sky is no limit!

To learn more about this exciting industry, please visit: www.aerospacepei.com.

Aerospace Technician

What does an Aerospace Technician do?

Aerospace Technicians repair, overhaul, modify and test aircraft engines and structures as well as mechanical and hydraulic systems. They inspect aircraft or aircraft engines and systems following manufacture, modification, maintenance, repair and overhaul. Aerospace Technicians troubleshoot aircraft or aircraft engines and structural, mechanical or hydraulic systems to identify problems and adjust and repair systems accordingly. They are also responsible for performing and documenting routine maintenance.

Engine Shop Technician, Repair and Overhaul Technician, Aircraft Maintenance Technician, Quality Inspector and Final Inspector are some examples of occupations that are categorized as Aerospace Technicians.

What's in it for you?

Salary Range:

\$12.24 - \$24.87 per hour*

Employment Rate:

This position offers a full-time, year-round career that provides potential advancement opportunities (i.e. supervisory roles).

What makes a successful Aerospace Technician?

Aerospace Technicians have an excellent mechanical aptitude and good manual dexterity. They select, interpret and follow instructions and procedures well. They pay close attention to the smallest details. Aerospace Technicians should work well both independently and in team environments.

How do I begin to train for this position?

To work as an Aerospace Technician, completion of a recognized post-secondary college program in Aircraft Maintenance, Aircraft Gas Turbine Engine Repair & Overhaul Technology and/or a related apprenticeship program is required.

Where in PEI can I train to be an Aerospace Technician?

Holland College offers a 10-month Aircraft Gas Turbine Engine Repair and Overhaul Technician certificate program at the Holland College Aerospace Centre in Slementon Park. Alternatively, Nova Scotia Community College offers a 2-year Aircraft Maintenance Engineer diploma program at its Akerley Campus and reserves 10 seats each year for PEI students.

Where in PEI can I work as an Aerospace Technician?

Action Aero, Vector Atlantic, Honeywell, MDS-PRAD, Tronosjet, Wiebel Aerospace

*Reported salary ranges are PEI industry averages and do not reflect those wages that may be above and/or below this range.

Assembly Technician

What does an Assembly Technician do?

Assembly Technicians fabricate and assemble various components and structures for the aerospace and mass transit industries. They work with a variety of materials including fiberglass, resin and metals and a variety of hand and power tools such as measuring instruments, drills and sanders.

What's in it for you?

Salary Range:

\$10.75 - \$17.28 per hour

Employment Rate:

This occupation offers a full-time, year-round career that provides potential advancement opportunities.

What makes a successful Assembly Technician?

Assembly Technicians possess good craftsmanship skills and are detail and process oriented. They are able to select, interpret and follow instructions. Assembly Technicians work well both independently and in team environments.

How do I begin to train for this position?

Although specific training is not required, previous experience with carpentry, painting, gel-coating, blueprint reading and hand-tool usage is considered beneficial.

Where in PEI can I train to be an Assembly Technician?

Assembly Technicians generally obtain their training on-the-job from the employing company.

Where in PEI can I work as an Assembly Technician?

Testori Americas Corporation, Wiebel Aerospace

CNC Machine Operator

What does a CNC Machine Operator do?

Computer Numerical Control (CNC) Machine Operators in the Aerospace Industry set-up, operate or tend CNC or other metal-cutting machinery used in manufacturing precision-machined components. CNC Machine Operators follow job orders and blueprints to perform required machining operations and operate machine tools for turning, milling, drilling, boring, planing, honing, grinding or other machining operations. They may also perform other duties such as loading metal components into equipment, changing tools when necessary, performing routine maintenance on equipment and machinery and inspecting outgoing parts to ensure that they adhere to the highest quality standards.

What's in it for you?

Salary Range:

\$11.13 - \$17.50 per hour*

Employment Rate:

This position offers a full-time, year-round career that provides potential advancement opportunities.

What makes a successful CNC Machine Operator?

CNC Machine Operators enjoy working with machinery and computer-programmed equipment. They enjoy producing high-quality work with precision and accuracy. CNC Machine Operators have good manual dexterity and physical stamina. They have the ability to work independently as well as to follow instructions.

How do I begin to train for this position?

CNC Machine Operators do not require formal training as most skills are acquired through on-the-job training. Upon completion of an in-house training program, individuals may wish to pursue further machinist training and/or work towards their Machinist Red Seal certification.

Where in PEI can I train to be a CNC Machine Operator?

Some PEI aerospace companies offer entry-level, in-house CNC Machine Operator training programs as required. Holland College offers a 9-month Precision Machinist certificate program.

Where in PEI can I work as a CNC Machine Operator?

Testori Americas, Tube-Fab Ltd., Wiebel Aerospace

*Reported salary ranges are PEI industry averages and do not reflect those wages that may be above and/or below this range.

CNC/Precision Machinist

What does a CNC/Precision Machinist do?

Computer Numerical Control (CNC)/Precision Machinists read and interpret engineering drawings, blueprints, charts and tables to determine the required machining operations to be performed and plan the best sequence of operation. They set-up, operate, maintain and program a variety of machine centres and machine tools such as lathes, milling machines, drill presses and CNC equipment to produce high quality precision metal and non-metal parts for aircrafts and components. CNC/Precision Machinists use the latest precision measuring instruments to verify the dimensions of products for accuracy and conformance to specifications. This position offers work in a variety of manufacturing-related fields.

Apprentice Machinist, Machinist (Manual or CNC) and CNC Programmer are some examples of occupations that are categorized as CNC/Precision Machinists.

What's in it for you?

Salary Range:

\$11.06 - \$22.22 per hour*

Employment Rate:

This occupation offers a full-time, year-round career that provides stability and potential advancement (i.e. supervisory role, Senior Machinist, CNC Programmer).

What makes a successful CNC/Precision Machinist?

CNC/Precision Machinists are detail-oriented and are able to use their hands skillfully and quickly. They have an excellent mechanical aptitude, the ability to follow established procedures and enjoy working independently at tasks that require concentration as well as physical effort.

How do I begin to train for this position?

CNC/Precision Machinists are required to complete a recognized post-secondary college program and/or an apprenticeship program. This occupation is Red Seal certified in PEI.

Where in PEI can I train to be a CNC/Precision Machinist?

Holland College offers a 9-month Precision Machinist certificate program.

Where in PEI can I work as a CNC/Precision Machinist?

Vector Atlantic, Honeywell, Testori Americas, Tube-Fab Ltd., Wiebel Aerospace

*Reported salary ranges are PEI industry averages and do not reflect those wages that may be above and/or below this range.

Mechanical Engineer

Aerospace Industry Analysis

What does a Mechanical Engineer do?

Mechanical Engineers apply mathematics, materials science, physics and economics to research, design and develop machinery and systems for heating, ventilation, air conditioning, power generation, transportation, processing and manufacturing. They develop maintenance standards, schedules and programs for industrial facilities. Mechanical Engineers prepare cost and timing estimates, reports and design specifications for machinery and a variety of systems. They may design, test and manufacture household appliances, heating systems, cars, ships and airplanes.

What's in it for you?

Salary Range:

\$19.04 - \$30.91 per hour* (depending on education and experience)

Employment Rate:

This occupation offers a full-time, year-round career that provides potential advancement opportunities.

What makes a successful Mechanical Engineer?

Mechanical Engineers can think logically and creatively to solve problems. They are able to visualize three-dimensional objects from two-dimensional drawings. Mechanical Engineers think in mathematical and abstract terms to produce detailed and precise work.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the

graduate must register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer. Mechanical Engineers require a bachelor's degree in mechanical engineering and their Professional Engineer status.

Where in PEI can I train to be a Mechanical Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University and the University of New Brunswick. Other Canadian and international universities also offer engineering degree programs.

Where in PEI can I work as a Mechanical Engineer?

Vector Atlantic, Honeywell, MDS-PRAD, Testori Americas, Tronosjet, Wiebel Aerospace

*Reported salary ranges are PEI industry averages and do not reflect those wages that may be above and/or below this range. For additional salary information for all types of engineering designations, please www.engineerspei.com and view the 2009 Atlantic Engineers Salary Survey Report.

Quality Technician/Inspector

What does a Quality Technician/Inspector do?

Quality Technician/Inspectors inspect structural and mechanical systems of aircraft and/or aircraft engines to certify that they meet Transport Canada and company performance and safety standards. Quality Technician/Inspectors must also maintain detailed repair, inspection and certification records and reports. They perform detailed inspections of individual parts and components. Quality Technician/Inspectors may also perform other generic duties or procedures related to painting, process and/or other technician occupations.

Quality Technicians, Quality Clerks, Quality Assurance Inspectors and Non-Destructive Testers (NDT)/Inspectors are some examples of occupations that are classified as Quality Technicians/Inspectors.

What's in it for you?

Salary Range:

\$13.83 - \$23.88 per hour*

Employment Rate:

This position offers a full-time, year-round career that provides potential advancement opportunities.

What makes a successful Quality Technician/Inspector?

Quality Technician/Inspectors must be very detail and process oriented. Quality Technician/Inspectors should have an excellent mechanical aptitude and the ability to work well both independently and in team environments. They should also have strong technical-communication skills and the ability to select, interpret and follow instructions and procedures.

How do I begin to train for this position?

Quality Technician/Inspectors would benefit from training at a post-secondary institute in a related technical discipline, although it is not mandatory. Previous experience in a related manufacturing or quality-assurance field is considered an asset.

Where in PEI can I train to be a Quality Technician/Inspector?

Although there is no specific Quality Technician/Inspector training program offered in PEI, related post-secondary training may include ISO/lead/internal auditing, business/engineering, aerospace-related training and/or quality-related training/certifications. In some cases, on-the-job training may be provided by the employer.

Where in PEI can I work as a Quality Technician/Inspector?

Action Aero, Vector Atlantic, Honeywell, MDS-PRAD, Testori Americas, Tronosjet, Tube-Fab Ltd., Wiebel Aerospace

*Reported salary ranges are PEI industry averages and do not reflect those wages that may be above and/or below this range.

Agriculture

Consider a career in Prince Edward Island's Agriculture Industry. It is an industry that offers exciting opportunities suited to your interests. If you are looking for a diverse and challenging career, agriculture could be the perfect fit.

The Agricultural Industry needs skilled and committed people in order to meet the demands of the 21st century. It offers an exceptional line up of rewarding and challenging careers. Take pride in working in an industry vital to feeding the world.

Agriculture and agri-food is Prince Edward Island's leading industry. The combined efforts of production, processing and marketing of food products accounts for more than one in every four jobs in PEI. According to the last census, there were just over 1 700 farms in the province, occupying a total of approximately 640 000 acres. Total farm cash receipts in 2008 were approximately \$391 million.

Potatoes are an important crop and accounts for over 50% of total farm cash receipts. There are approximately 400 producers in the province with potatoes as their major commodity. Upwards of 60% of the crops are processed into products such as french fries and potato chips. The dairy industry has about 230 milk and cream producers. The province produces a range of dairy products, including milk, butter, cheese and ice cream.

In the beef industry, Maritime producers have formed a co-operative to own and operate their own beef-processing facility. There are more than 400 beef producers, although the majority of these do not produce beef as their primary commodity. The hog industry is undergoing a period of transition with many producers recently leaving the industry. There are also poultry and egg industries in PEI.

Traditionally, many grains and oilseed crops are produced for on-farm use. However, plans for future grain and oilseed crops include the cross-over with agriculture and bioscience. Fruit and vegetable production is also increasing. Organic production is rising as producers are making the transition to organic farming to meet consumer demands.

Prince Edward Island agriculture is "a renewable and sustainable resource." Come explore a career in this great industry!

For more information, visit the PEI Agriculture Sector Council website at www.peiagsc.ca

Agricultural Equipment Operator

What does an Agricultural Equipment Operator do?

Agricultural Equipment Operators operate equipment for planting, fertilizing, spraying, cultivating and harvesting crops. They also work with equipment used in livestock and poultry operations. They perform minor repairs and preventive maintenance on a variety of farm machinery including tractors, harvesters, combine harvesters, trucks and utility vehicles.

What's in it for you?

Employment Rate:

The employment outlook in PEI for Agricultural Equipment Operators is good. Most Agricultural Equipment Operators work seasonally from April until October.

What makes a successful Agricultural Equipment Operator?

Agricultural Equipment Operators are mechanically inclined and enjoy using trial and error to repair and adjust machinery. They are self-motivated, dependable and reliable. Agricultural Equipment Operators are in good physical condition and able to do heavy lifting.

How do I begin to train for this position?

Most employers provide Agricultural Equipment Operators with on-the-job training.

Where in PEI can I train to be an Agricultural Equipment Operator?

JVI Provincial Transportation and Safety Academy offers courses in heavy equipment operation and forklift operation.

Where in PEI can I work as an Agricultural Equipment Operator?

Agri-food businesses, farms

Agricultural Equipment Repair Technician

What does an Agricultural Equipment Repair Technician do?

Agricultural Equipment Repair Technicians diagnose, adjust, inspect, service and repair agricultural equipment. They perform preventive maintenance on equipment, like cleaning and lubricating. Agricultural Equipment Repair Technicians work on a wide variety of equipment, from small lawn cutting equipment to combine harvesters.

What's in it for you?

Salary Range:

\$11.70 - \$14.27 per hour

Employment Rate:

The outlook for Red Seal certified Agricultural Equipment Repair Technicians is considered good but very dependant on the prosperity of the Agriculture Sector.

Number of Jobs

in this position on PEI: 170

What makes a successful Agricultural Equipment Repair Technician?

Agricultural Equipment Repair Technicians are mechanically inclined and enjoy using trial and error to solve mechanical problems. They enjoy working with computers, technology, engines and machines. Agricultural Equipment Repair Technicians are able to use tools and equipment accurately and safely. They are flexible, as they may work in various environments including repair shops and on-site for service calls.

How do I begin to train for this position?

Agricultural Equipment Repair Technicians have post-secondary training in equipment, engine repair or a related field. This trade is Red Seal designated.

Where can I train to be an Agricultural Equipment Repair Technician?

Training must be received out-of-province. New Brunswick Community College in Moncton offers a 40-week Agricultural Equipment Repair program. Nova Scotia Agricultural College offers a 4-year Agricultural Equipment Technician apprenticeship program.

Where in PEI can I work as an Agricultural Equipment Repair Technician?

Agriculture equipment dealers, mobile repair service businesses, farms

Agriculture Laboratory Technologist

What does an Agriculture Laboratory Technologist do?

Agriculture Laboratory Technologists conduct tests, experiments and research on water, soil, plants and animals. They evaluate products for quality, nutritional content and disease. Agriculture Laboratory Technologists analyze and prepare reports based on tests, experiments and research. They may perform experimental testing to develop new products or to improve existing products.

What's in it for you?

Salary Range:

\$34 615 per year

Employment Rate:

The employment outlook for Agriculture Laboratory Technologists is considered good. Expected growth in the PEI Bioscience Industry should lead to an increased demand for Agriculture Laboratory Technologists.

Number of Jobs

in this position on PEI: 155

What makes a successful Agriculture Laboratory Technologist?

Agriculture Laboratory Technologists are self-motivated and detail oriented. They are organized and effective communicators. Agriculture Laboratory Technologists enjoy the challenge of researching and experimenting to create new and more effective uses of products.

How do I begin to train for this position?

Agriculture Laboratory Technologists hold a diploma or a bachelor's of science in agriculture or a related field.

Where in PEI can I train to be an Agriculture Laboratory Technologist?

UPEI offers a bachelor of science degree. Holland College offers a 2-year Bioscience Technology diploma program and a 2-year Environmental Technician diploma program. Nova Scotia Agricultural College offers bachelor of science degrees in agriculture with majors in plant science, animal science and environmental sciences.

Where in PEI can I work as an Agriculture Laboratory Technologist?

Agri-food businesses, analytical laboratories, plant testing facilities

Crop Specialist

What does a Crop Specialist do?

Crop Specialists provide guidance and advice to farmers and producers on farm management, planting, harvesting and storing produce. They also provide advice and recommendations on fertilization, disease prevention, irrigation, nutrition, crop rotation and soil erosion. Crop Specialists perform research, analyze data and prepare reports on their findings. They work with government agencies, research institutions and producers. Crop Specialists generally work for private businesses, such as orchards and potato growers.

What's in it for you?

Salary Range:

\$37 980 per year

Employment Rate:

The employment outlook for Crop Specialists is fair.

Number of Jobs

in this position on PEI: 60

What makes a successful Crop Specialist?

Crop Specialists have strong verbal and written communication skills. They enjoy interacting with farmers and producers as well as independent work such as research and reporting activities. Crop Specialists are analytical problem-solvers.

How do I begin to train for this position?

Crop Specialists must have a bachelor's degree in science with a specialization in agriculture, plant science or a related field. They may also hold a master's degree in a related field.

Where in PEI can I train to be a Crop Specialist?

UPEI offers a bachelor of science degree. Nova Scotia Agricultural College offers bachelor of science degrees in agriculture with majors in agricultural business, plant science, animal science and environmental sciences.

Where in PEI can I work as a Crop Specialist?

Private agricultural consultants, agri-food businesses, crop scouting businesses, farms

Farmer/Farm Manager

What does a Farmer/ Farm Manager do?

Farmers/Farm Managers manage the various functions of farm operations. They manage day-to-day task planning as well as long-term operational planning. Farmers/Farm Managers evaluate and determine the variety and quantity of crops and livestock to produce each year. They establish long-term production, marketing, sales, purchasing and financing plans. Farmers/Farm Managers train and supervise General Farm Workers, Livestock Specialists, Crop Specialists and Farm Supervisors.

What's in it for you?

Salary Range:

\$31 235 per year

Employment Rate:

Seventy-five percent of Farmers/Farm Managers are self-employed.

Number of Jobs

in this position on PEI: 1 615

What makes a successful Farmer/Farm Manager?

Farmers/Farm Managers are independent, dedicated and hard-working. They are resourceful problem-solvers. Farmers/Farm Managers enjoy the challenge of working in a dynamic and fluctuating industry. They may specialize in any number of crops or livestock. Farmers/Farm Managers who have livestock are dedicated to the health and well-being of their livestock.

How do I begin to train for this position?

Post-secondary training in agriculture and business is an asset. Many other skills are developed through on-the-job training.

Where in PEI can I train to be a Farmer/Farm Manager?

Nova Scotia Agricultural College offers bachelor of science degrees in agriculture with majors in agricultural business, plant science and animal science. They also offer 2-year technology diplomas in enterprise management with specializations in dairy, equine and farming. The PEI Farm Technician Apprenticeship Program provides an excellent opportunity to enhance and gain new skills for General Farm Workers who want to advance to Farm Owners or Farm Managers.

Where in PEI can I work as a Farmer/Farm Manager?

Farmers own and operate their own farm businesses. Farm Managers can work for farm businesses across the various agricultural commodities.

General Farm Worker

What does a General Farm Worker do?

General Farm Workers help with a wide variety of farming duties. They use equipment and drive machinery to plant, fertilize, cultivate, spray, irrigate, harvest and package crops. They also feed, bed, clean and manage livestock. General Farm Workers may grade, package, load and deliver produce.

What's in it for you?

Salary Range:

\$25 712 per year

Employment Rate:

The employment outlook for this occupation is good.

Number of Jobs

in this position on PEI: 1 575

What makes a successful General Farm Worker?

General Farm Workers are self-motivated team players who take pride in their work. They are involved in every aspect of the farm and enjoy being responsible for a variety of tasks. General Farm Workers enjoy being active, are physically fit and can do heavy lifting if necessary.

How do I begin to train for this position?

New in 2009, the Farm Technician Apprenticeship Program was initiated for General Farm Workers. This program incorporates 8-weeks of class sessions each year for three years with on-the-job work experience. Upon completing all the requirements of the 3-year apprenticeship, participants will be issued a Certificate of Qualification in Farm Technician by the PEI Apprenticeship Section.

Where in PEI can I work as a General Farm Worker?

General Farm Workers work on farms across PEI.

What career advancement opportunities are available for a General Farm Worker?

With further education and training, General Farm Workers may become Crop Specialists, Livestock Specialists, Farm Supervisors and Farmers/Farm Managers.

Horticulturist

What does a Horticulturist do?

Horticulturists survey and assess landscapes and construct and maintain gardens, parks, golf courses and other landscaped environments. They draw sketches and build models of landscape and architectural designs. Horticulturists advise clients on issues related to horticulture; breed, cultivate and study plants; and treat injured and diseased trees and plants. Horticulturists may further their education and training to become horticulture therapists.

What's in it for you?

Number of Jobs in this position on PEI: Approximately 55 Horticulturist positions exist in PEI; however, with a shift in demographics green care and green exercise will become a growing industry.

What makes a successful Horticulturist?

Horticulturists enjoy nature, plants and gardening. They are physically fit, artistic and enjoy working outdoors. Horticulturists can accurately interpret landscape designs and plans. They are self-motivated to produce quality work.

How do I begin to train for this position?

Horticulturists can benefit from post-secondary training in horticulture and/or plant science. Working and mentoring with avid gardeners may provide valuable training and insight into a career as a Horticulturist.

Where can I train to be a Horticulturist?

Nova Scotia Agricultural College offers a Technology diploma in environmental horticulture and enterprise management with specialization in greenhouse and nursery. They also offer horticulture therapy courses. New Brunswick Community College in Woodstock offers a diploma in Landscape Design.

Where in PEI can I work as a Horticulturist?

Horticulturists are employed by landscape designers and contractors, lawn service and tree care establishments, greenhouses, golf courses, schools, nurseries and greenhouses, municipal, provincial and national parks. They may be self-employed.

Livestock Specialist

What does a Livestock Specialist do?

Livestock Specialists develop buying, feeding, breeding and shipping schedules for livestock. They maintain and oversee herd-health management plans that ensure healthy and profitable livestock. Livestock Specialists recognize and treat minor ailments in livestock. They work with various types of livestock including cows, horses, pigs, chickens, sheep and goats. Livestock Specialists work with Veterinarians and Farmer/Farm Managers.

What's in it for you?

Salary Range:

\$43 030 per year

Employment Rate:

The employment outlook in this occupation is good.

Number of Jobs

in this position on PEI: 60

What makes a successful Livestock Specialist?

Livestock Specialists are patient individuals, dedicated to the health and well-being of animals. They have strong analytical, organizational and communication skills.

How do I begin to train for this position?

Livestock Specialists hold a diploma, degree or master's degree in animal science or a related field.

Where can I train to be a Livestock Specialist?

Nova Scotia Agricultural College offers diplomas in veterinary technology and enterprise management with specializations in companion animals, dairy, equine and farming. They offer a bachelor of science degree in animal science. They also offer a master's degree in animal science.

Where in PEI can I work as a Livestock Specialist?

Livestock farms

Nursery and Greenhouse Worker

What does a Nursery and Greenhouse Worker do?

Nursery and Greenhouse Workers plant, pot, prune, cultivate, fertilize, spray, water and harvest flowers, plants, trees and shrubs. They work directly with the public providing advice and recommendations on plant selection, placement and care. Nursery and Greenhouse Workers may operate tractors, trucks and other equipment such as irrigation systems and sprayers. They work indoors and outdoors.

What's in it for you?

Employment Rate:

Most Nursery and Greenhouse Workers work seasonally.

Number of Jobs

in this position on PEI: 70

What makes a successful Nursery and Greenhouse Worker?

Nursery and Greenhouse Workers enjoy providing excellent customer service. They are life-long learners and enjoy learning about new plants and techniques. Nursery and Greenhouse Workers are physically fit and enjoy working with their hands.

How do I begin to train for this position?

Nursery and Greenhouse Workers can benefit from post-secondary training in horticulture and/or plant science.

Where in PEI can I train to be a Nursery and Greenhouse Worker?

UPEI offers a bachelor of science in biology. Nova Scotia Agricultural College offers a Technology diploma in environmental horticulture and enterprise management with specialization in greenhouse and nursery. They also offer a bachelor of science degree in agriculture with a major in plant science. New Brunswick Community College in Woodstock offers a diploma in Landscape Design.

Where in PEI can I work as a Nursery and Greenhouse Worker?

Greenhouses, tree and plant nurseries, farms

Quality Control Inspector

What does a Quality Control Inspector do?

Quality Control Inspectors ensure that products meet specified quality standards. They take samples and test meat, milk products, vegetables and fruit. Quality Control Inspectors test products for color, moisture content, fat content, temperature and disease. They advise supervisors and producers of product deficiencies. Quality Control Inspectors also inspect sanitation and hygiene methods. They also ensure food traceability and food safety of many food products.

Quality Control Inspectors work in a large variety of situations. Field inspections, food inspections, food processing, food retailing and agriculture inputs are some of the areas that require Quality Control Inspectors.

What makes a successful Quality Control Inspector?

Quality Control Inspectors have effective oral and written communication skills. They are detail oriented and take pride in performing accurate tests and writing thorough reports. Quality Control Inspectors are self-motivated and enjoy working independently as well as part of a team.

How do I begin to train for this position?

Quality Control Inspectors hold a diploma or bachelor of science degree in agriculture or a related field. They may also learn the necessary skills through on-the-job training.

Where in PEI can I train to be a Quality Control Inspector?

UPEI offers a bachelor of science degree. Holland College offers a 2-year Bioscience Technology diploma program. Nova Scotia Agricultural College offers bachelor of science degrees in agriculture with majors in agricultural business, plant science, animal science and environmental sciences.

Where in PEI can I work as a Quality Control Inspector?

Farms, agri-food businesses, federal and provincial inspection agencies

Sales and Marketing Representative

Agriculture Industry Analysis

What does a Sales and Marketing Representative do?

Sales and Marketing Representatives develop and implement strategies that support company sales and growth. They create sales and marketing plans and may design advertisements. Sales and Marketing Representatives develop and maintain relationships with new and existing customers. They may work for equipment stores, feed stores, spray companies, fertilizer companies or farms.

What's in it for you?

Salary Range:

\$35 550 per year. Sales and Marketing Representatives often earn commission to supplement their salary.

What makes a successful Sales and Marketing Representative?

Sales and Marketing Representatives are personable and enjoy working with existing customers and earning new customers. They enjoy the thrill of selling and the challenge of satisfying customers' needs. Sales and Marketing Representatives are able to remember extensive product knowledge and customer details.

How do I begin to train for this position?

Sales and Marketing Representatives obtain sales and marketing skills through post-secondary training in business, marketing and advertising. They learn product information while working on-the-job.

Where in PEI can I train to be a Sales and Marketing Representative?

UPEI offers a bachelor of business degree and Holland College offers a 2-year marketing and advertising management diploma program. Nova Scotia Agricultural College offers a bachelor of science in agriculture with a major in agricultural business.

Where in PEI can I work as a Sales and Marketing Representative?

Conventional farms, organic farms, potato exporters, agricultural equipment dealers, feed stores, fertilizer companies, and other agricultural businesses.

Straight Truck Driver (3A License)

What does a Straight Truck Driver do?

Straight Truck Drivers operate trucks that weigh over 4 600 kilograms and usually have an attached enclosed box, flat bed, dump bed or bulk container. Straight Truck Drivers make short-haul trips. They usually leave their work terminal early in the morning, setting out to make a series of deliveries and pick-ups that are usually within a half a day's drive. Most often their driving will be contained within the province and short haul deliveries. They may also be required to load and unload their vehicle.

What's in it for you?

Salary Range:

\$11.30 - \$16.50 per hour

Employment Rate:

In PEI, the employment outlook for Straight Truck Drivers is good, as there is great demand for these Drivers in the Agriculture Industry.

What makes a successful Straight Truck Driver?

In some instances, Straight Truck Drivers may be responsible for loading and unloading their trucks, so a reasonable level of physical fitness is required. In addition, customer service skills, mechanical skills and computer skills are useful.

How do I begin to train for this position?

Provincial licensing requirements include a minimum age of 18 years for straight truck (Class 3) licenses. All Truck Drivers must also meet the vision and medical requirements established by the Provincial Highway Safety Department.

Where in PEI can I train to be a Straight Truck Driver?

Commercial driver training is offered through private colleges. The two private training colleges registered to offer truck driver training in the Atlantic region are JVI Provincial Transportation and Safety Academy in Slement Park, PEI and Commercial Safety College in Masstown, Nova Scotia.

Where in PEI can I work as a Straight Truck Driver?

Straight Truck Drivers can work in the Truck Transportation, Manufacturing, Forestry, Construction and Agricultural Industries in PEI.

Tractor Trailer Driver (1A License)

What does a Tractor Trailer Driver do?

Tractor Trailer Drivers operate heavy trucks that haul trailers. They transport their goods from location to location. In some instances, Tractor Trailer Drivers may transport goods within the province (short-haul), but more often they will haul their goods inter-provincially and internationally (long-haul). Long-haul Tractor Trailer Drivers may be involved in loading and unloading vehicles and other duties, including customer relations and business development.

What's in it for you?

Salary Range:

\$35 000 - \$60 000 per year. (*2007 labour market research indicated that 90% of long-haul Tractor Trailer Drivers earn over \$700/wk and 53% of short-haul Tractor Trailer Drivers earn over \$700/wk.)

Employment Rate:

In PEI, the outlook for Tractor Trailer Drivers, especially long-haul Drivers, is good. With 67% of trucking employers predicting growth in the next 5 years, there is a high level of job security in this occupation.

What makes a successful Tractor Trailer Driver?

Tractor Trailer Drivers are well organized and skilled in trip and route planning. They are unsupervised during much of their work so they must be responsible and able to work independently. Long-haul Tractor Trailer Drivers must be familiar with United States and Canada customs and border-crossing requirements and procedures.

How do I begin to train for this position?

Provincial licensing requirements include a minimum age of 18 years for tractor trailer (Class 1) licenses. All Truck Drivers must also meet the vision and medical requirements established by the Provincial Highway Safety Department. Drivers seeking employment with Canadian companies that transport goods into the United States must be at least 21 years of age.

Where in PEI can I train to be a Tractor Trailer Driver?

Commercial driver training is offered through private colleges. The 2 private training colleges registered to offer truck driver training in the Atlantic region are JVI Provincial Transportation and Safety Academy in Slementon Park, PEI and Commercial Safety College in Masstown, Nova Scotia.

Where in PEI can I work as a Tractor Trailer Driver?

Tractor Trailer Drivers can work in the Truck Transportation, Manufacturing, Forestry, Construction and Agricultural Industries in PEI.

Veterinarian

What does a Veterinarian do?

Veterinarians prevent, diagnose, and treat diseases and disorders in animals and advise clients on the nutrition, hygiene, housing, and general care of animals. Veterinarians diagnose diseases in animals by performing physical examinations or laboratory tests. They treat sick or injured animals by prescribing medication, bandaging wounds, setting bones or performing surgery. Veterinarians vaccinate animals to prevent disease as well as advising clients on feeding, housing, breeding, hygiene, and general care of animals. Some provide alternative medicine options such as: acupuncture, chiropractic, or herbal medicine. Some Veterinarians may supervise animal health technologists, animal care workers while monitoring the operation of the animal hospital, clinic, or mobile service to farms. In some instances, they may conduct veterinary research or enforce government regulations in disease control and food production including animal or animal-based food inspection.

What's in it for you?

Salary Range:

\$80 920 per year

Employment Rate:

The employment outlook for Veterinarians is fair.

Number of Jobs

in this position on PEI: 170

What makes a successful Veterinarian?

Veterinarians are dedicated to animal health and well-being. They have strong communication, observation, and judgment skills, and are able to make quick decisions under pressure. Veterinarians enjoy working in a leadership role with animal health technologists and animal care workers.

How do I begin to train for this position?

Veterinarians must have 2-4 years of pre-veterinary studies containing the required prerequisites, a 4-year university degree in Veterinary Medicine, and completion of the National Certification Exam. Previous work experience with animals and work with a veterinary clinic is also required. Prior to practicing veterinary medicine, provincial licensing is required. Entry into research positions may require further post-graduate study.

Where in PEI can I train to be a Veterinarian?

UPEL offers the prerequisite courses required to apply to veterinary school as does other undergraduate universities across Canada. The Atlantic Veterinary College offers a 4-year university degree in veterinary medicine.

Where in PEI can I work as a Veterinarian?

Veterinarians work in private practice including small or large animal clinics, inspection agencies, laboratories, research institutions, universities, government, or industry.

Bioscience

The Prince Edward Island BioAlliance is a recognized cluster of bioscience business innovation and research excellence, founded on outstanding collaboration, within an effective business environment. This open network of businesses, research organizations, academic institutions and government agencies has established an environment that is responsive to the challenges of bioscience business development and attractive in mitigating the risks associated with research, product and process development and commercialization.

The focus of PEI BioAlliance is on bioactive compounds and their application to improvements in human, animal and fish health and nutrition. Their research institutions and businesses work together to turn research excellence into product opportunities for the global marketplace.

The Bioscience Sector is one of the key growth areas for jobs and wealth creation in Prince Edward Island.

The Bioscience Sector currently employs over 765 people full and part-time - (415 in 25 private sector companies; 350 in 8 public sector academic, research and government organizations). Private sector revenues in 2008 were \$78 million. It is estimated that over 90% of these are export sales.

Companies operating within the PEI Bioscience cluster include: Aqua Bounty Canada, Aquience Inc., ARK Biomedical Canada, Atlantic AgriTech Inc., Atlantis Bioactives Inc., Biomolecular Pharma, BioVectra Inc., Chemaphor Inc., ELS Pharmaceuticals, Elanco Animal Health, Genzyme Diagnostic PEI Inc., Global Vetnóstics Inc., Institute of Human Health Research, Maritime Pulse Drying Inc., Natures Crops International, Nautilus Biosciences Canada Inc. Novartis Animal Health (Aqua Business), Neurodyn Inc., Phyterra Biosciences, Phyterra Yeast, Phytocultures Ltd., SolarVest, Stirling Products Canada Ltd. Tube-Fab Inc. and Virotechnologies Inc.

Research organizations within the PEI Bioscience cluster include: The Atlantic Veterinary College at the University of Prince Edward Island, University of Prince Edward Island, Agriculture and Agri Food Canada Crops and Livestock Research Center, Canadian Food Inspection Agency, PEI Food Technology Center, National Research Council Institute for Nutriscience & Health, Holland College, Atlantic Swine Research Partnership and PEI Health Research Institute.

The occupations profiled in this section can be found at many of the bioscience companies and research organizations listed above.

Bioscience Researcher

What does a Bioscience Researcher do?

Bioscience Researchers enjoy the responsibility of determining what type of research should be done and what type of experiments should be carried out. Bioscience Researchers supervise and analyze the work of Bioscience Technicians as they carry out the experiments developed by the Bioscience Researchers. Bioscience Researchers analyze and interpret data from experiments. They prepare reports detailing their research accomplishments which are often distributed through journals and presentations nationally as well as internationally. A Bioscience Researcher could specialize in bioactives and bioresources, neuroimaging, immunology, in vivo pharmacology, analytical chemistry, or natural products chemistry.

What's in it for you?

Salary Range:

\$60 000 - \$85 000 per year

What makes a successful Bioscience Researcher?

Bioscience Researchers have strong technical and scientific skills and are effective communicators in both written and oral applications. Bioscience Researchers are leaders: they should enjoy working with people and have strong interpersonal skills. Bioscience Researchers are life-long learners and are continuously expanding and applying their technical expertise.

How do I begin to train for this position?

This position requires a doctorate in a relevant discipline as it relates to a specific Bioscience Researcher position. Depending on the level of position, 2 or more years experience in a specified field is generally required.

Where in PEI can I train to be a Bioscience Researcher?

UPEI offers a variety of programs including a bachelor of science, master of science, and doctorate in science.

Bioscience Technician

What does a Bioscience Technician do?

Bioscience Technicians are responsible for planning and conducting assigned experiments. Bioscience Technicians must organize, interpret and report the results of their experiments. They may communicate experimental results to other team members and external clients, as required. Bioscience Technicians are also responsible for managing the laboratory: ordering operational supplies, maintaining accurate records, instructing new personnel in using equipment and performing protocol. A Bioscience Technician could specialize in electrophysiology, analytical chemistry, molecular biology, animal care, cell biology, natural products chemistry, or molecular nutrition.

What's in it for you?

Salary Range:

\$40 000 - \$60 000 per year

Employment Rate:

Many companies employ a core number of permanent Bioscience Technicians yet often hire additional temporary positions when additional funding and projects arise.

What makes a successful Bioscience Technician?

Bioscience Technicians should have a high level of initiative and self-motivation and have excellent analytical and judgment skills. They must have strong oral and written communication skills.

How do I begin to train for this position?

Bioscience Technicians are required to have either a diploma or a bachelor's degree. A master's degree may be considered an asset for some positions. Bioscience Technicians can hold a wide variety of positions so their training is often specific to their chosen field (pharmacology, neurophysiology, neuroscience, etc.). In some instances, an equivalent combination of experience and education may be considered.

Where in PEI can I train to be a Bioscience Technician?

Holland College offers a 2-year Bioscience Technology diploma program and UPEI offers bachelor of science degrees with a variety of major and minor options.

Food Scientist

What does a Food Scientist do?

Food Scientists develop new food products, design commercial food production processes, identify food safety issues and provide technical advice on regulatory laws regarding food production. Food Scientists work with statistical techniques and their application as well as the interpretation of the compiled results. They supervise Food Technologists, technicians and other staff such as sensory analysts. Food Scientists work to attract new clients and projects as well as ensure existing clients' needs are met.

What's in it for you?

Salary Range:

\$50 000 - \$62 000 per year

What makes a successful Food Scientist?

The Food Scientist occupation is primarily a scientific role. Food Scientists have a strong background in food chemistry and some microbiology. They should have the ability to work with clients to develop new products and processes. Food Scientists enjoy trouble-shooting, training staff, problem solving and are self-motivated.

How do I begin to train for this position?

Food Scientists must have a master's degree in food science with 3-5 years experience working on food industry projects. Food Scientists must have experience in client consultation, project construction and project execution.

Where in PEI can I train to be a Food Scientist?

Food Scientists may earn a bachelor of science in foods and nutrition at UPEI or food science, which is not available at UPEI. They must also hold a master's degree from an accredited university such as Dalhousie University or the University of Guelph.

What advancement opportunities are available for a Food Scientist?

Food Scientists may advance to the Food Scientist/Engineer occupation, which is a senior position and requires a doctorate and other degrees from a combination of fields: food science, food engineering, nutritional science, bio-systems engineering and/or chemical engineering (average salary \$53 000 - \$66 000 per year).

Food Technologist

What does a Food Technologist do?

Food Technologists support the Food Scientists by carrying out industry research to develop, process, produce, package, preserve, improve and evaluate food and biological products such as flavourings, meat products and baked products for commercial production. Food Technologists may analyze antioxidants, flavour enhancers, preservatives, shelf-life and suitability for consumer markets based on taste, smell, appearance and texture of a variety of foods. They work closely with food-processing clients to determine and assist with clients' needs and desires. Food Technologists must be knowledgeable in a wide variety of areas including chemistry, microbiology, physics, life sciences, statistics and engineering.

What's in it for you?

Salary Range:

\$42 000 - \$52 000 per year

What makes a successful Food Technologist?

Food Technologists have strong organizational, communication and analytical skills. They are self-motivated, proactive and should enjoy working independently and as a team player. While this occupation is not typically a supervisory occupation, Food Technologists often work as project leaders and will direct and guide others throughout a variety of projects.

How do I begin to train for this position?

Food Technologists hold a bachelor of science in food science. They have knowledge of food science, particularly food formulations (large production-scale recipes), plant operations, food sanitation, thermal processing and quality control systems.

Where in PEI can I train to be a Food Technologist?

Food Technologists could have a bachelor of science from UPEI with additional post-university training in industry-related food science and technology. This training is available from accredited universities such as Dalhousie University and University of Guelph.

Microbiology Laboratory Technologist

What does a Microbiology Laboratory Technologist do?

Microbiology Laboratory Technologists perform microbiological analysis for industry clients as well as within their own companies. Microbiology primarily deals with bacteria such as E. coli, Staphylococcus aureus and faecal coliforms. Microbiology Laboratory Technologists assist industry clients with quality assurance issues and provide technical assistance.

What's in it for you?

Salary Range:

\$36 000 - \$45 000 per year

What makes a successful Microbiology Laboratory Technologist?

Microbiology Laboratory Technologists enjoy working in a lab, both on routine testing and in support of research. They must be able to communicate effectively with clients and co-workers. They are self-motivated, well organized and thrive in a fast-paced, multi-functional work atmosphere.

How do I begin to train for this position?

Microbiology Laboratory Technologists must complete a laboratory technology certification or a related program. They are often required to have 2-3 years experience in a microbiology (or similar) laboratory.

Where in PEI can I train to be a Microbiology Laboratory Technologist?

Holland College offers a 2-year Bioscience Technologist diploma program.

What advancement opportunities are available for a Microbiology Laboratory Technologist?

Microbiology Laboratory Technologists may advance to the Senior Microbiology Laboratory Technologist level, which is a more senior level that requires a master of science or a bachelor of science in food or biological sciences. These positions are primarily responsible for quality coordination in laboratories and supervising other staff. Some research laboratory experience is required (average salary \$40 000 - \$50 000 per year).

Natural Products Biochemist

What does a Natural Products Biochemist do?

Natural Products Biochemists work with projects related to the extraction, isolation and purification of natural products from a variety of bio-resources (plant, animal and marine resources such as antioxidants from blueberries and apple peels and omega 3's from fish oils). Natural Products Biochemists provide expertise on the biochemical content of natural products for natural product extraction and on the analytical interpretation of the extractions obtained. They must also plan, design, execute and document project activities.

What's in it for you?

Salary Range:

\$50 000 - \$62 000 per year

What makes a successful Natural Products Biochemist?

Natural Products Biochemists are cutting-edge scientists who enjoy implementing experimental work, planning research and providing direction to technologists. They should have strong interpersonal skills as they work closely with industry clients to design and deliver first-of-its-kind scientific solutions.

How do I begin to train for this position?

Natural Products Biochemists must have a doctorate in chemistry (natural products concentration) with 3-5 years experience working in project development. They should be knowledgeable in the medicinal or functional properties of several plant and animal species from agricultural and marine commodities and biochemistry, organic and analytical chemistry.

Where in PEI can I train to be a Natural Products Biochemist?

UPEI offers bachelor of science, master of science and doctorate programs.

This position may also be referred to as a Natural Products Chemist Scientist.

Research Biochemist

What does a Research Biochemist do?

Research Biochemists are responsible for a wide variety of bioscience research tasks. They develop new methods and tools to improve yield and efficiency of protein production, protein folding, protein modification and purification. They build good customer relations for their companies by defining and solving customer needs and by participating in public forums to broaden awareness of the uses of their company's products. Research Biochemists perform research, technical evaluations and development based on research plans. They work closely with product development departments to optimize and scale-up new product production procedures, explore new applications for existing products. They also suggest new research projects based on customer needs. On occasion, Research Biochemists will also carry out small-scale production of product for inventory.

What makes a successful Research Biochemist?

Research Biochemists are inquisitive and are constantly searching for ways of doing things better and more efficiently. They must be creative and enjoy working with customers, co-workers and leaders. Relating to and empathizing with clients in order to develop products that meet their needs is a must for any Research Biochemist. They must enjoy building relationships and networking with people.

How do I begin to train for this position?

Research Biochemists are required to have either a doctorate in chemistry (or related field) or a master of science with relevant experience. This education, coupled with experience in several of the following areas, would be important for Research Biochemists: chemical modifications, solid phase chemistry, affinity chromatography and synthetic chemistry.

Where in PEI can I train to be a Research Biochemist?

UPEI offers bachelor of science, master of science, and doctorate programs.

Research and Development Scientist

What does a Research and Development Scientist do?

The primary objective of a Research and Development Scientist is to research, develop and improve new and existing products. They also provide technical information on products, quality control, technical support and marketing. Research and Development Scientists perform statistical evaluations, stability analyses and risk analyses on new products. They must maintain detailed records of all research and development work and facilitate this and other information between departments to ensure that project specifications are being met. Research and Development Scientists are responsible for coordinating development teams as well as other employees to oversee the development of new products.

What makes a successful Research and Development Scientist?

Those who enjoy planning and executing processes with accuracy and precision may enjoy a career as a Research and Development Scientist. Research and Development Scientists must thrive on solving problems through trial and error and learning from prior work, data and experience. Research and Development Scientists enjoy working in a laboratory setting both independently and as part of a team. They must have strong organizational, time management, communication and computing skills.

How do I begin to train for this position?

Research and Development Scientists must have a master of science degree in chemistry, biochemistry, physiology or a related field or have a bachelor of science degree with a minimum of 5 years of equivalent industry experience. Laboratory experience in biochemistry or physiology is also necessary.

Where in PEI can I train to be a Research and Development Scientist?

UPEI offers bachelor of science and master of science degrees.

Construction

Construction is not just a matter of the on-site activities of installing materials, components and capital equipment. It includes conceptual, research, development, exploration, design, manufacturing, supply and testing activities.

Traditionally, construction has been termed a service industry, serving "residential" and "non-residential" categories. In fact, it is really a production industry, producing a vast array of new capital assets, ranging from a modest dwelling to a mammoth energy project or the Confederation Bridge. This industry requires well-trained trades and management personnel to ensure that Canadian standards measure up to world requirements.

Bricklayer

What does a Bricklayer do?

Bricklayers lay bricks, concrete blocks, stones, rocks and other materials to create and repair walls, foundations, arches, fireplaces, chimneys, decorative pieces and other structures. They may create structures based on blueprints or on their own designs. Bricklayers read blueprints and sketches to calculate the material requirements of a project. They use power and hand tools to cut and trim the materials they work with.

What's in it for you?

Salary Range:

\$10 - \$34 per hour
(\$20 800 - \$70 720 per year)

Employment Rate:

Bricklaying is often a seasonal occupation with the greatest amount of work carried out from May to October.

Number of Jobs

in this position on PEI: 75

What makes a successful Bricklayer?

Bricklayers enjoy working with their hands to create structures. They are detail-oriented and pay particularly close attention to exact measurements. Bricklayers are able to envision the project requirements based on blueprints or designs. This occupation is physically demanding and requires heavy lifting. Bricklayers work on a variety of projects in a variety of locations and should be flexible about changing work environments.

How do I begin to train for this position?

In PEI, certification is not required for Bricklayers. However, some employers require their employees to hold a certificate of qualification or to be registered in an apprenticeship program. Those expressing an interest in the occupation may benefit from being a Bricklayer's Assistant or Labourer. This occupation is Red Seal designated.

Where in PEI can I train to be a Bricklayer?

Bricklayer apprenticeships are available in PEI.

Where in PEI can I work as a Bricklayer?

Cameron Masonry Ltd., West Masonry Ltd., MCM Bricklayer

Carpenter

What does a Carpenter do?

Carpenters build, erect, install, maintain and repair structures made of wood and other materials. They measure, cut, shape, assemble and join materials to build foundations, walls and roof systems, among other things. Carpenters read and interpret designs, drawings, sketches and blueprints to determine and calculate specification requirements. They work on a wide variety of structures from small sheds to large buildings and work with a wide variety of hand and power tools. Carpentry is a physically demanding occupation that requires standing, crouching and kneeling for long periods of time.

What's in it for you?

Salary Range:

\$15.52 - \$21.09 per hour

Employment Rate:

The employment rate in this occupation is listed as good especially for Red Seal certified Carpenters. Sixty-five percent of Carpenters in PEI work seasonally, generally from May to October.

Number of Jobs

in this position on PEI: 990

What makes a successful Carpenter?

Carpenters have good hand-eye coordination and are in good physical condition. They enjoy reading structural plans and working on projects from beginning to completion. Carpenters are self-motivated individuals who enjoy working with clients, co-workers, site supervisors and suppliers.

How do I begin to train for this position?

In PEI, certification is not required for Carpenters. They often receive training either through a combination of post-secondary and on-the-job training, or through an apprenticeship. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Carpenter?

Carpenter apprenticeship programs are available in PEI. Holland College offers a 9-month Carpenter certificate program.

Where in PEI can I work as a Carpenter?

Bayside Construction, FitzGerald and Snow, Kent Building Supplies, Prebilt Structures Ltd., Southern Kings Construction, Brumac Construction, Wellington Construction, Arsenault Bros., Chappell Construction, L & L Home Improvements, Gill Construction, MacLean Construction

(Many Carpenters work independently.)

Concrete Finisher

What does a Concrete Finisher do?

Concrete Finishers smooth and finish freshly poured concrete, apply curing or surface treatments and install, maintain and repair masonry structures such as residential foundations, floors, ceilings, sidewalks, roads, patios and high-rise buildings. They ensure that the formwork, granular base and steel reinforcement materials are suitable for the concrete work.

What's in it for you?

Salary Range:

\$10 - \$33 per hour
(\$20 800 - \$68 640 per year)

Number of Jobs in this position on PEI: 25

What makes a successful Concrete Finisher?

Concrete Finishers are an essential part of the housing industry as they lay the groundwork for most structures. They are hard working and committed individuals as they are unable to leave in the middle of a concrete job to finish it another day. Concrete Finishers must be proficient in reading and interpreting documents including blueprints to extract information and direction.

How do I begin to train for this position?

Concrete Finishers are not required to hold certification in PEI, although some secondary training is usually required. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Concrete Finisher?

Concrete Finishers in PEI learn the necessary skills through on-the-job training.

Where in PEI can I work as a Concrete Finisher?

Bayside Construction, West Prince Construction, Wellington Construction, Star Construction, Southern Kings Construction, Fitzgerald and Snow
(Many Concrete Finishers work independently for many different contractors.)

Construction Electrician

What does a Construction Electrician do?

Construction Electricians lay-out, assemble, install, test, troubleshoot, replace and repair electrical wiring, fixtures, control devices and systems in residential, commercial and industrial structures. Construction Electricians interpret plans, circuit diagrams and electrical code specifications for wiring in new and existing establishments. They test continuity of circuits to ensure the function of their electrical work following all installations, replacements and repairs.

What's in it for you?

Salary Range:

\$12 - \$25 per hour

Employment Rate:

The employment future for Electricians is considered good, although it is very dependant on construction trends. The retirement rate for Electricians is considered above average, as 25% of PEI's Electricians are over 55 years of age.

Number of Jobs

in this position on PEI: 245

What makes a successful Construction Electrician?

Construction Electricians perform many physically demanding tasks so they must be in good physical condition. They must have strong analytical and problem-solving skills with the ability to perform detailed and precise work. Construction Electricians are able to read and interpret diagrams and blueprints. They must be able to follow strict safety standards and guidelines.

How do I begin to train for this position?

Construction Electricians often complete post-secondary training and/or apprenticeship training. Construction Electricians in PEI are required to maintain a Certificate of Qualification. This occupation is Red Seal designated.

Where in PEI can I train to be a Construction Electrician?

Holland College offers a 1-year Electrical Construction Wiring certificate program and a 2-year Industrial Electrical Technician diploma program. Apprenticeships are available in PEI for Construction Electricians.

Where in PEI can I work as a Construction Electrician?

AMAC Electric (2004) Ltd., Capital Electric & Refrigeration Ltd., Cavendish Farms, East Isle Shipyards Ltd., Foster Campbell Electric, Gorman Controls, Hansen Electric Ltd., JA Electric, Jamieson Electric & Refrigeration Ltd., Kamstar Inc., North Shore Electric, Noye Enterprises, Olympia Electric Ltd., Palmer Electric Ltd., Prince Electric Inc., R. Cudmore Electric, Slement Park Corporation, T&C Electrical Ltd., Waites Enterprises Ltd.

Construction Trades Labourer

What does a Construction Trades Labourer do?

Construction Trades Labourers assist skilled tradespeople and perform labouring activities at construction sites. They may work with Bricklayers, Carpenters, Concrete Finishers, Drywallers, Plumbers and Roofers, among others. Construction Trades Labourers load and unload construction materials and tools around work areas. They may assist in traffic control, demolition of buildings and removal of construction site rubble.

What's in it for you?

Salary Range:

\$9.90 - \$11.40 per hour (\$21 215 per year)

Employment Rate:

This occupation is often seasonal.

Number of Jobs

in this position on PEI:

765

What makes a successful Construction Trades Labourer?

Construction Trades Labourers must be physically fit and adaptable to changing work settings. They enjoy working with and receiving instruction from others. Construction Trades Labourers often work on a number of different projects and with a number of tradespeople at one time.

How do I begin to train for this position?

Construction Trades Labourers generally learn the required skills on the job, although basic training courses in scaffolding, bricklaying and asbestos handling may be required. Construction Trades Labourer is a Red Seal designated trade. Certification is available but not mandatory.

Where in PEI can I train to be a Construction Trades Labourer?

Construction Trades Labourers may begin their training with Holland College's 9-month Carpentry certificate program.

Where in PEI can I work as a Construction Trades Labourer?

Acadia Construction, Amber Masonry, Andrew Wood Plumbing, Arsenault Brothers Construction, Atlantic Roofers Ltd., Bayside Construction, Birt & MacKay Construction

(Most construction companies are in need of Construction Trades Labourers.)

Elevator Constructor/Mechanic

What does an Elevator Constructor/Mechanic do?

Elevator Constructor/Mechanics assemble, install, maintain and repair freight and passenger elevators, escalators, moving walkways and other similar equipment. They also install and wire electric and electronic systems. Elevator Constructor/Mechanics troubleshoot electrical and mechanical system failures and repair and replace worn or damaged parts. They also perform preventive maintenance on elevators to ensure public safety.

What's in it for you?

Salary Range:

\$12.10 - \$38 per hour
(\$25 168 - \$79 040 per year)

What makes a successful Elevator Constructor/Mechanic?

Elevator Constructor/Mechanics are able to read and interpret blueprints to determine the layout and requirements of the system. They enjoy solving challenges through trial and error. Elevator Constructor/Mechanics must keep their skills current and enjoy learning about new technology and advancements in elevators and related equipment.

How do I begin to train for this position?

In PEI, certification is not required for Elevator Constructor/Mechanics, although it can improve employability.

Where in PEI can I train to be an Elevator Constructor/Mechanic?

Currently there are no apprenticeship programs available in this field in PEI.

Where in PEI can I work as an Elevator Constructor/Mechanic?

Otis Canada Inc., Thyssen Dover Elevator

Estimator

What does an Estimator do?

Estimators analyze the requirements and costs for a variety of construction, electrical and mechanical projects. Estimators prepare fair and accurate cost estimates for materials, labour and equipment based on contract bids, quotes, schematic drawings and provided specifications. They also manage and coordinate projects, prepare progress schedules and conduct contract negotiations.

What's in it for you?

Salary Range:

\$15 - \$30 per hour

What makes a successful Estimator?

Estimators are able to interpret documents to extract the necessary information. They must also be good at performing mathematical calculations related to estimating projects. Estimators must have great interpersonal skills in order to work well with clients and contractors.

How do I begin to train for this position?

Estimators must have previous work experience and a solid understanding of the construction, electrical and/or mechanical trades prior to becoming an Estimator.

Where in PEI can I train to be an Estimator?

Estimators may begin their education with Holland College's 9-month Carpentry certificate program.

Where in PEI can I work as an Estimator?

Most carpentry contractors and building supply companies employ Estimators.

Finish Carpenter

What does a Finish Carpenter do?

Finish Carpenters build, install and repair interior wall paneling (drywall, plaster, etc.), trim and crown mouldings for homes and commercial buildings. They select, measure and mark materials. Finish Carpenters read and interpret workplans and blueprints. They may also be involved in the design of the interior finishings.

What's in it for you?

Salary Range:

\$12 - \$20 per hour

What makes a successful Finish Carpenter?

Finish Carpenters are able to interpret clients' desires to create the envisioned and planned result. They enjoy working with their hands and performing detailed work.

How do I begin to train for this position?

Finish Carpenters are not required to hold certification in PEI; however, it is beneficial for employability.

Where in PEI can I train to be a Finish Carpenter?

Finish Carpenters may begin their education with Holland College's 9-month Carpentry certificate program.

Where in PEI can I work as a Finish Carpenter?

Most construction companies have Finish Carpenters on staff.

Floor Covering Installer

What does a Floor Covering Installer do?

Floor Covering Installers install, inspect, measure, mark, cut and fasten flooring such as carpet, wood, linoleum and vinyl in residential, commercial, industrial and institutional buildings. Floor Covering Installers may use hand or machine stitchers, seaming irons, bonding tape, power stretchers, glue, staple guns and other devices. They may also supply clients with estimates for material and labour costs.

What's in it for you?

Salary Range:

\$8 - \$18 per hour

Number of Jobs

in this position on PEI: 65

What makes a successful Floor Covering Installer?

Floor Covering Installers enjoy working with hand and power tools. They enjoy the trial and error required to finish uniquely shaped floors with supplied materials. Floor Covering Installers are flexible, listening to client's needs and desires in order to create a satisfying result.

How do I begin to train for this position?

Completion of post-secondary training and/or an apprenticeship is usually required for Floor Covering Installers. Trade certification for Floor Covering Installers is voluntary in PEI. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Floor Covering Installer?

Floor Covering Installers often learn the necessary skills from their employer while working on-the-job.

Where in PEI can I work as a Floor Covering Installer?

A to Z Hardwood Flooring, Wall To Wall Home Improvements, G.W.G. Flooring, Loyalist Marble & Tile Ltd., Kent Home Improvement, Markan Hardwood Plus Inc.

Framer

What does a Framer do?

Framers build, install, maintain and repair foundations, floors, walls, roofs and exterior doors and windows. Framers also select, measure, mark and cut materials for their projects. They are often part of the first crew on the construction site to begin the building process while other crews finish and complete the project.

What's in it for you?

Salary Range:

\$10 - \$15 per hour
(\$20 800 - \$62 400 per year)

What makes a successful Framer?

Framers must be physically fit in order to lift heavy objects, operate power tools and stand or crouch for long periods of time. They are flexible and able to adapt to new situations quickly as they may work on a wide variety of projects from small homes to large institutions. Framers are able to interpret blueprints and perform related calculations.

How do I begin to train for this position?

Many Framers learn the necessary skills through on-the-job training. Framers may work through an apprenticeship to receive certification although certification is not required.

Where in PEI can I train to be a Framer?

Framers may begin their education with Holland College's 9-month Carpentry certificate program.

Mobile Crane Operator

What does a Mobile Crane Operator do?

Mobile Crane Operators operate mobile cranes to lift, move, position and place materials, equipment and other objects. Before a lift, Mobile Crane Operators must determine the crane's capacity, ensure its stability as well as set up and position the crane. Mobile cranes may be fitted with equipment such as a piledriver, wrecking ball, magnet or heavy lifting attachment to perform special functions. Mobile Crane Operators are also responsible for the routine maintenance of cranes, including lubricating and cleaning.

What's in it for you?

**Number of Jobs
in this position on PEI:** 25

What makes a successful Mobile Crane Operator?

Mobile Crane Operators must be adaptable to new work environments as they rarely work in the same location more than once. They must have strong communication and mathematical skills as well as a mechanical aptitude. Mobile Crane Operators have excellent depth perception and hand-eye-foot coordination.

How do I begin to train for this position?

Mobile Crane Operators often learn the required skills through an apprenticeship program. This position is a Red Seal designated trade.

Where in PEI can I train to be a Mobile Crane Operator?

Mobile Crane Operator apprenticeships are available in PEI.

Where in PEI can I work as a Mobile Crane Operator?

Curran & Briggs Ltd., Highfield Construction Co Ltd., Tim's Crane Service Inc.

Painter and Coater (Industrial)

What does a Painter and Coater do?

Painter and Coaters work primarily in industrial construction. They apply paint, enamel, lacquer and other protective and decorative coatings to surfaces of products such as automobiles, aviation equipment and bathtubs. They prepare items for the application, coating, painting and touching-up of surfaces. Painter and Coaters use automated paint-mixing equipment, automated spray-painting equipment, dip or flow coating equipment, hand-held spray guns and a variety of paintbrushes.

What's in it for you?

Salary Range:

\$10 - \$18 per hour

Employment Rate:

The employment outlook for the Painter and Coater occupation is limited.

Number of Jobs

in this position on PEI: 55

What makes a successful Painter and Coater?

Painter and Coaters enjoy working with equipment and/or hand and power tools. They must work within high safety standards as a number of the substances they work with can be hazardous. Painter and Coaters must be able to perform detailed work.

How do I begin to train for this position?

Many Painter and Coaters learn the necessary skills from their employer while working on-the-job.

Where in PEI can I work as a Painter and Coater?

Testori Americas Corporation

Painter and Decorator

What does a Painter and Decorator do?

Painter and Decorators apply paint, wallpaper, fabric or other finishes to interior and exterior surfaces of homes, buildings and other structures. They clean and prepare surfaces by using methods such as scraping, sanding, sand-blasting, hydro-blasting and steam-cleaning.

Painter and Decorators measure, cut and apply wallpaper and fabrics to walls and other surfaces. They work with stains, paints, lacquer, enamel, oil, varnish, fiberglass, metal coating and fire retardant. Painter and Decorators also work with clients to determine color selections and wall coverings. They may also work on vehicles and outdoor murals.

What's in it for you?

Salary Range:

\$9.35 - \$30 per hour
(\$19 448 - \$62 400 per year)

Employment Rate:

The employment outlook for Painter and Decorators in PEI is considered good.

Number of Jobs

in this position on PEI: 180

What makes a successful Painter and Decorator?

Painter and Decorators are detail-oriented and take pride in producing quality work. They are creative, artistic, have good colour perception and are able to mix paint for desired colour and texture. Painter and Decorators must have strong interpersonal skills in order to work with clients and supervisors.

How do I begin to train for this position?

Apprenticeships are available for Painter and Decorators. Painter and Decorators often earn the necessary skills from their employer while working on-the-job.

Where in PEI can I train to be a Painter and Decorator?

Apprenticeships are available for Painter and Decorators in PEI. This trade is Red Seal designated.

Where in PEI can I work as a Painter and Decorator?

Jason's Drywall and Painting, The Paint Man

Many Painter and Decorators work independently, often working with a variety of contractors.

Plasterer and Drywaller

What does a Plasterer and Drywaller do?

Plasterer and Drywallers apply, maintain and restore plaster or similar materials on interior and exterior walls, ceilings and/or other surfaces. They measure, cut, position and secure drywall sheets. They apply coats of plaster and stucco using trowels, floats, brushes and spraying equipment. Some may specialize and work with only plaster or only with drywall.

What's in it for you?

Salary Range:

\$8 - \$29 per hour
(\$15 912 - \$60 320 per year)

Number of Jobs

in this position on PEI: 75

What makes a successful Plasterer and Drywaller?

Plasterer and Drywallers have good physical stamina as they often hold, lift and carry materials. They must be proficient with numbers and able to make quick calculations regarding measurements. Plasterer and Drywallers are self-motivated but also able to be team players when required.

How do I begin to train for this position?

Plasterer and Drywallers often complete an apprenticeship.

Where in PEI can I train to be a Plasterer and Drywaller?

Many Plasterer and Drywallers learn the necessary skills from their employer while working on-the-job.

Where in PEI can I work as a Plasterer and Drywaller?

Arsenault Brothers Construction, Williams Murphy & McLeod (1993) Ltd., Jason's Drywall and Painting

Plumber

What does a Plumber do?

Plumbers install, maintain and repair fixtures, pipes and other plumbing equipment in residential, commercial and industrial buildings. Plumbers interpret blueprints and drawings to determine the water supply and plumbing, waste and drainage systems requirements. They mark, locate and cut openings in walls and floors to accommodate pipes, pipe connections, pipe fittings and fixtures. Plumbers also troubleshoot and test to find problems and leaks.

What's in it for you?

Salary Range:

\$10 - \$20 per hour

Employment Rate:

The employment outlook for Plumbers is considered good, although it is very dependant on construction trends. The retirement rate for current Plumbers is considered above average.

Number of Jobs

in this position on PEI: 215

What makes a successful Plumber?

Plumbers perform physically demanding tasks and should be in good physical condition. They have great mechanical skills and enjoy using tools and equipment to perform detailed tasks. Plumbers are self-motivated when working independently but also have the ability to be a team player in a group work environment.

How do I begin to train for this position?

Plumbers in PEI are required to hold a Certificate of Qualification. This can be obtained through the completion of an apprenticeship. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Plumber?

Holland College offers a 9-month Plumber certificate program and a 9-month Steamfitting/Pipefitting certificate program. Apprenticeships are available in PEI for Plumbers.

Where in PEI can I work as a Plumber?

Andrew Wood Plumbing, Bevan Brothers Ltd., Boudreault Plumbing Ltd., East Isle Shipyards Ltd., Hynes & Smith Plumbing & Heating, Mr. Plumber, Prompt Plumbing

Residential and Commercial Installer and Servicer

What does a Residential and Commercial Installer and Servicer do?

Residential and Commercial Installer and Servicers install, repair and service a variety of interior and exterior prefabricated products. They work with interior prefabricated products such as windows, doors, water heaters, kitchen cupboards and household appliances. They work with exterior prefabricated products such as swimming pools, fences, siding, playgrounds, septic systems, signs and shutters.

What's in it for you?

Salary Range:

\$20 800 - \$35 000 per year

Number of Jobs

in this position on PEI: 80

What makes a successful Residential and Commercial Installer and Servicer?

Residential and Commercial Installer and Servicers are able to read and interpret blueprints and instructions. They must be able to perform relevant mathematical calculations. Residential and Commercial Installer and Servicers are able to work independently but also take direction from supervisors and project coordinators.

How do I begin to train for this position?

Residential and Commercial Installer and Servicers often acquire skills through on-the-job training. They may also be required to hold a valid driver's license.

Where in PEI can I train to be a Residential and Commercial Installer and Servicer?

Companies hiring Residential and Commercial Installer and Servicers provide on-the-job training.

Where in PEI can I work as a Residential and Commercial Installer and Servicer?

Atlantic Business Interiors, Coles Door Systems, Eastern Fence Products, Keir MacLeod Vinyl Siding, Sign Craft Inc., Thompson's Septic Tank Service Inc.

Residential Home Builder and Renovator

What does a Residential Home Builder and Renovator do?

Residential Home Builders own, operate and manage companies that construct new residential homes. Residential Home Renovators own, operate and manage companies that renovate existing homes. Both positions plan, organize, direct, control and evaluate the activities relating to residential home construction and renovation. They may prepare bids for projects, plan and prepare work schedules, select and employ trade contractors and perform some carpentry activities. Residential Home Builder and Renovators may develop and implement marketing and advertising strategies to promote the company.

What's in it for you?

Salary Range:

\$20 000 - \$43 330 per year

Employment Rate:

The employment outlook for this occupation is fair. Most individuals in this occupation are self-employed and work year round.

Number of Jobs

in this position on PEI: 45

What makes a successful Residential Home Builder and Renovator?

Residential Home Builder and Renovators should have strong verbal and written communication skills as they work closely with construction crews and clients. They must have effective time-management, problem-solving, entrepreneurial and job-task planning skills.

How do I begin to train for this position?

Residential Home Builder and Renovators may benefit from training in a variety of areas: construction, contracting, engineering, project development and management.

Where in PEI can I train to be a Residential Home Builder and Renovator?

Residential Home Builder and Renovators may begin their education with Holland College's 9-month Carpentry certificate program.

Where in PEI can I work as a Residential Home Builder and Renovator?

McLean Construction Ltd., Southern Kings Construction, L & L Home Improvements, Chappell Construction, B. Clinton Construction, Cahill Construction, Brumac Construction, Gill Construction

Most carpentry contractors employ Residential Home Builder and Renovators.

Roofer

What does a Roofer do?

Roofers install, repair and replace roofs using asphalt, fiberglass, tile, slate, wood and metal shingles. They may also apply waterproof coatings to masonry surfaces (concrete) above and below ground level. Roofers provide estimates for materials and labour for the client. They also install scaffolding (work platforms) to provide safe access to roofs.

What's in it for you?

Salary Range:

\$10 - \$30 per hour
(\$20 800 - \$62 400 per year)

Number of Jobs

in this position on PEI: 35

What makes a successful Roofer?

Roofers spend a large amount of time working in elevated locations so they must be comfortable with heights. They must have strong interpersonal skills as they often work with and rely on their co-workers and supervisors. Roofers must be able to determine measurements and related calculations.

How do I begin to train for this position?

Roofer certification is available but not required in PEI. Many Roofers gain experience and training through an apprenticeship. This is a designated Red Seal trade.

Where in PEI can I train to be a Roofer?

Many Roofers learn the necessary skills from their employer while working on-the-job.

Where in PEI can I work as a Roofer?

Atlantic Roofers Ltd., Ashe Roofing Ltd., MacBeth Bros. Roofing, Richards' Roofing

Sprinkler System Installer

What does a Sprinkler System Installer do?

Sprinkler System Installers install, test, maintain and repair fire protection systems. They read and interpret drawings, specifications and fire codes to determine fire protection requirements. Sprinkler System Installers select, measure, cut, ream and thread pipe. They join pipes and piping sections using soldering and welding equipment. They may work in factories, office buildings, hotels, apartment buildings, residential buildings and airports.

What's in it for you?

**Number of Jobs
in this position on PEI:** 55

What makes a successful Sprinkler System Installer?

Sprinkler System Installers must be physically fit and adaptable to working in changing work environments which may include power lifts, scaffolds, ladders, temperature changes, noise, dust and environmental hazards. Sprinkler System Installers must have a high regard for safety standards. They should have strong interpersonal skills as they often coordinate with other trades people (Plumbers, Drywallers, Carpenters, Electricians).

How do I begin to train for this position?

Sprinkler System Installers often complete an apprenticeship program to learn the necessary skills. Certification in this occupation is available but not compulsory. This trade is Red Seal designated.

Where in PEI can I train to be a Sprinkler System Installer?

In PEI, Sprinkler System Installer apprenticeship programs are available. Holland College's 9-month Plumber certificate program and 9-month Steamfitting/Pipefitting certificate program may be relevant to this occupation.

Where in PEI can I work as a Sprinkler System Installer?

Island Sprinkler Systems Ltd.

Steamfitter/Pipefitter

What does a Steamfitter/Pipefitter do?

Steamfitter/Pipefitters lay out, assemble, fabricate, maintain, troubleshoot and repair piping systems carrying water, steam, chemicals and fuel in heating, cooling, lubricating and other piping systems. They also weld, braze, cement, solder and thread joints to join pipes and fabricate sections of these piping systems. Steamfitter/Pipefitters select, measure, cut, thread, and bend pipe. They cut openings to accommodate pipe in walls, floors and ceilings using hand or power tools and machines.

What's in it for you?

Salary Range:

\$13.50 - \$35 per hour
(\$28 080 - \$72 800 per year)

Employment Rate:

The outlook for this occupation is considered fair.

Number of Jobs

in this position on PEI: 55

What makes a successful Steamfitter/Pipefitter?

Steamfitter/Pipefitters are able to read and interpret drawings and blueprints to determine the required work. They have good hand-eye coordination and manual dexterity. Steamfitter/Pipefitters must be able to use tools and equipment accurately and safely.

How do I begin to train for this position?

Steamfitter/Pipefitters often receive post-secondary training to learn the necessary skills. Certification is not mandatory in PEI, although it is recommended.

Where in PEI can I train to be a Steamfitter/Pipefitter?

Holland College offers a 9-month Steamfitter/Pipefitter certificate program at their Georgetown Centre.

Where in PEI can I work as a Steamfitter/Pipefitter?

Maritime Electric, East Isle Shipyard, Cavendish Farms, McCain Foods

Tilesetter

What does a Tilesetter do?

Tilesetters cover interior and exterior walls, floors, ceilings and surfaces with ceramic, marble, quarry tile, mosaics or terrazzo. They prepare, measure and mark surfaces to be covered. Tilesetters mix, apply and spread mortar, cement, mastic and glue using hand trowels. They align, position and straighten tiles using levels, squares and straightedges. Tilesetters may work on functional projects such as floors and countertops or artistic projects such as decorative walls and murals.

What's in it for you?

Salary Range:

\$13.20 - \$29 per hour
(\$27 456 - \$60 320 per year)

Number of Jobs

in this position on PEI: 10 - 20

What makes a successful Tilesetter?

Tilesetters must be very accurate and detail-oriented. They must have strong work planning and organizing skills. Tilesetters are able to read and interpret design documents. Tilesetters who create original work should be artistically talented.

How do I begin to train for this position?

Tilesetters often gain the necessary skills and training through an apprenticeship program or on-the-job training.

Where in PEI can I train to be a Tilesetter?

Currently there is no apprenticeship program in PEI.

Where in PEI can I work as a Tilesetter?

Many Tilesetters work independently, often working with a variety of contractors.

Culture

There are hundreds of different cultural careers out there – chances are one of them is right for you. Over 1 900 people work in the cultural sector in PEI making up its vibrant and diverse cultural community of artists, musicians, craftspeople, performers, curators, filmmakers and interactive media artists. Every year video games and films are made, plays are written and performed, art and heritage exhibits are created, and clothing and jewelry are designed, all right here in PEI – and that's just the tip of the iceberg!

As anyone working in the culture industry in PEI will tell you, it's some of the most rewarding work you can do. You get to be on the cutting edge, work with other interesting and creative people, and express yourself in front of an audience whether it's on the web, the screen, the stage or the page. Art and culture have a huge impact on people's lives all around the world. What would we do without talented people to tell our stories in books, songs, films, museums, libraries, and theatres?

With the rewards come some challenges. Finding work in the cultural industry can sometimes be difficult – you will have to work hard, network like crazy, and promote yourself and your work to set yourself apart from the crowd.

An education for a culture-related profession gives you so many skills that employers everywhere are looking for: the ability to think outside the box, great people skills, innovative approaches to cooperation and creative problem-solving skills.

Many people working in the cultural sector are self-employed. Being your own boss brings freedom but also means being self-motivated and highly disciplined. It's a great idea to take some business courses in college or university to learn what it's like to run your own business.

For more information contact the PEI Cultural Human Resources Sector at www.peiculture.ca.

Actor and Comedian

What do Actors and Comedians do?

Actors and Comedians perform roles in motion picture, television, theatre and radio productions. They study, memorize and rehearse lines, gestures, expressions to interpret a role. Comedians perform comedy acts in nightclubs or theatres solo or with comedy troupes. Actors may be required to sing and/or dance in certain roles. Acting teachers are also included in this group. They train students in the interpretation of scripts, speech, movement and dramatic theory.

What's in it for you?

Salary Range:

\$14 000 - \$30 000

Employment Rate:

Number of Jobs

in this position on PEI: 10 - 20

What makes a successful Actor or Comedian?

Actors and Comedians are creative, talented and outgoing. They have a passion for performing and entertaining. Actors and Comedians work well with others and can improvise and respond quickly to situations and scenes.

How do I begin to train for this position?

Acting programs are offered at universities, colleges and private acting conservatories. A college diploma or university degree in theatre or film may be required. Demonstrated ability based on an audition or previous acting roles may be important. Membership in a guild or union such as IATSE, Actor's Equity or ACTRA may be required. Both Harbourfront Jubilee Theatre and the Confederation Centre of the Arts offer theatre groups for youth to develop and learn theatrical skills.

Where in PEI can I train to be an Actor or Comedian?

UPEI offers bachelor of arts degrees in music and theatre studies.

Where in PEI can I work as an Actor and Comedian?

The Harbourfront Jubilee Theatre and the Confederation Centre of the Arts stage major productions requiring actors. Some bars, pubs and community centres across Prince Edward Island host comedians and actors for events.

Architect

What does an Architect do?

Architects conceptualize, plan and develop designs for the construction and renovation of commercial, institutional and residential buildings. They consult with clients to assess client's needs and determine type, style, and purpose of new construction and renovations.

What's in it for you?

Salary Range:

\$50 000 - \$70 000

Number of Jobs

in this position on PEI: 25

What makes a successful Architect?

Architects are creative problem solvers with drawing and design skills. They have strong analytical skills and are able to work effectively in a team environment.

How do I begin to train for this position?

A bachelor's degree in architecture is required. A master's degree may be required in some cases. Completion of the architect registration examination is required. Visual arts, drafting, math, and physics courses may be beneficial to learning about a career in architecture.

Where in PEI can I train to be an Architect?

Dalhousie University offers a master's degree in architecture.

Where in PEI can I work as an Architect?

Architects are employed by architectural firms, private corporations and governments. They may also be self-employed.

Artisan and Craftsperson

What does an Artisan/ Craftsperson do?

Artisans/Craftpersons use manual and artistic skills to design and make ornamental objects, pottery, stained glass, jewellery, rugs, blankets and other handcrafts. They may choose to specialize in one material or they may choose to work with a variety of materials.

Artisans/Craftpersons may work as art teachers, art instructors, weavers, carvers, ceramic artists, instrument makers, silversmiths, glass artists (stained glass), hand knitters, wood and metal workers, and/or paper makers.

What's in it for you?

Salary Range:

\$14 000 - \$28 000

There is a linkage between levels of training and level of sales. Artisans with higher levels of training earn more.

**Number of Jobs
in this position on PEI:** 70

What makes a successful Artisan/Craftsperson?

Artisans/Craftpersons have remarkable imaginations, creative talent and design skills. Strong working knowledge of chosen material is essential. Knowledge of safe handling of material, tools and equipment is required. Since Artisans/Craftpersons are often self-employed business and computer skills are assets to effectively running their business.

How do I begin to train for this position?

There are no standard employment requirements; however, post secondary training is generally needed. Skills are often learned through apprenticeship with a master craftsperson. Training programs are offered by artisan guilds, colleges and private studios. A college diploma in fine craft techniques may be required. High school courses that may provide insight into the work of Artisans/Craftpersons include visual art, crafts and business and entrepreneurship courses.

Where can I train to be an Artisan/Craftsperson?

Nova Scotia College of Art and Design and New Brunswick College of Craft and Design may offer appropriate programs.

Where in PEI can I work as an Artisan/Craftsperson?

Most Artisans/Craftpersons are self-employed and work independently.

Audio and Video Recording Technician

What does an Audio and Video Recording Technician do?

Audio and Video Recording Technicians prepare, organize, operate, and adjust audio recording, editing, and reproducing equipment to record, mix, and edit sound, music, and videotape for motion pictures, television and radio programs, video recordings and live events. They create program titles, credits, sub-titles, graphic backgrounds, and animation for television programs. Audio and Video Recording Technicians may work in a variety of locations outside of their place of work including concerts and other live events.

What's in it for you?

Employment Rate:

This occupation has limited job prospects.

Number of Jobs

in this position on PEI: 10 - 20

What makes a successful Audio and Video Recording Technician?

Audio and Video Recording Technicians are adaptive and resourceful as they often work on-location for events in various locations. They enjoy working with technical equipment and using trial and error to solve technical challenges.

How do I begin to train for this position?

Audio and Video Recording Technicians often have post-secondary training in recording engineering, audiovisual technology or in a related field.

Where can I train to be an Audio and Video Recording Technician?

Training must be received out-of-province.

Where in PEI can I work as an Audio and Video Recording Technician?

Canadian Broadcasting Corporation (CBC), Cellar Door Productions, New Cap Radio, Castaway Productions, Telos Productions, Maritime Broadcasting System, Smith Sound

Conservator and Curator

What do Conservators and Curators do?

Conservators restore and conserve artifacts belonging to museums, galleries and private owners. Conservators examine artifacts, determine their condition, suggest methods for treating them and recommend conservation techniques.

Curators recommend the acquisition of paintings, photographs, sculptures, documents and other museum and art gallery artifacts. They also research the origins and history of artifacts. Curators develop storylines and themes and organize displays and exhibitions.

What's in it for you?

Salary Range:

\$30 000 - \$70 000

Number of Jobs

in this position on PEI: 10 - 20

What makes successful a Conservator or Curator?

Conservators and Curators are creative, have excellent research skills, and are flexible to changing work environments. They must have good manual dexterity and enjoy attention to details. Both Conservators and Curators have an active interest in art, science, and history.

How do I begin to train for these positions?

Conservators require a master's degree in art conservation, or completion of a three year college program in conservation technology and related work experience. Curators require a master's or bachelor's degree in museology, art history or a field related to their specific area of work. History and art courses may provide insight into the work of Conservators and Curators.

Where in PEI can I train to be a Conservator or Curator?

UPEI offers a bachelor of arts degree in history although additional out-of-province studies would be required prior to working as a Conservator or Curator.

Where in PEI can I work as a Conservator or Curator?

Conservators and curators are employed in museums, art galleries and universities.

Cultural Manager

What does a Cultural Manager do?

Cultural Managers plan, organize, direct, control and evaluate operations within publishing companies, theatre and dance companies, art galleries, and museums. They develop and implement procedures and policies. Cultural Managers may forecast, prepare, and control budgets. They also hire, supervise and mentor staff.

What's in it for you?

Salary Range:

\$30 000 - \$80 000

What makes a successful Cultural Manager?

Cultural Managers are passionate and creative individuals with strong leadership, organization, interpersonal and communication skills. They have an interest in and are able to manage budgets and finances. Cultural Managers are able to work well under pressure and manage both time and resources well.

How do I begin to train for this position?

A college diploma, undergraduate degree, or master's degree in arts, cultural management, communications, or management is usually required, as well as several years of experience in a chosen field.

Where in PEI can I train to be a Cultural Manager?

UPEI and Holland College offer a bachelor of applied arts in print journalism. UPEI offers a bachelor of arts degree as well as a bachelor in business administration. Specialized culture/arts management training is available out-of-province at Humber College, MacEwan College and York University.

Where in PEI can I work as a Cultural Manager?

Confederation Centre of the Arts, The College of Piping & Celtic Performing Arts of Canada

Designer

What does a Designer do?

Designers conceptualize and produce designs for film, television, and theatre productions. They also design garments and textiles, displays and exhibits, jewellery and other crafts. A Designer might specialize in fashion, fabric, jewellery, museum exhibits or shoes.

What's in it for you?

Salary Range:

\$22 000 - \$40 000

What makes a successful Designer?

Designers have remarkable imaginations, creative talent and design skills. Strong working knowledge of chosen material wood, textiles, pottery, glass, etc. is essential. Designers must have good sense of colour as well as great visual, tactile and spatial perception.

How do I begin to train for this position?

A university degree in fine arts or visual arts with a specialization in theatre, clothing, or exhibit design or completion of a similar college program is required. Introductory courses in visual arts, crafts and business may be a great way to learn about a career as a Designer.

Where in PEI can I train to be a Designer?

Design related courses are offered out-of-province at Dalhousie University and New Brunswick College of Craft and Design. Holland College and UPEI both offer studies in business management which may benefit designers that own their own businesses.

Film and Live Performing Arts Technician

What does a Film and Live Performing Arts Technician do?

Film and Live Performing Arts Technician is a general career title which may include a career with a variety of roles or specialization in one area. Roles include make-up, electrician costume production, special effects, stage management, stunt coordination, prop design, and carpentry.

What's in it for you?

Salary Range:

\$18 000 - \$28 000 – Seasonal Salary Range
\$40 000 - \$60 000 – Full Year Salary Range

What makes a successful Film and Live Performing Arts Technician?

Film and Live Performing Arts Technicians are creative and enjoy working in a team environment. They have strong problem-solving skills and are able to work under pressure with tight deadlines.

How do I begin to train for this position?

Film and Live Performing Arts Technicians generally complete a college or university program in theatre or film and have experience in a related assisting/apprentice position. Often membership to a related guild or union such as IATSE, Actor's Equity or ACTRA is required. Courses that may provide insight into the work of Film and Live Performing Arts Technicians include theatre arts, drafting, carpentry and mechanics.

Where can I train to be a Film and Live Performing Arts Technician?

Film and Live Performing Arts Technicians may receive training out-of-province at Dalhousie University or Memorial University.

Where in PEI can I work as a Film and Live Performing Arts Technician?

Confederation Centre of the Arts, Harbourfront Jubilee Theatre, The Guild, Smith Sound and York Point Productions. There is also occasional work available on independent productions.

Film and Video Camera Operator

What does a Film and Video Camera Operator do?

Film and Video Camera Operators operate motion picture and video cameras and related equipment to record news, live events, films, videos, commercials, and television broadcasts. They work with the director and senior members of the project crew to determine the requirements of the assignment, filming arrangement, camera movement, and picture composition. Film and Video Camera Operators determine the camera equipment to be used such as the appropriate lenses, filters, and film magazines. They adjust focus, exposure, lighting, and other camera settings.

What's in it for you?

Employment Rate:

The outlook for this occupation is considered limited, as there are few Film and Video Camera Operator positions in PEI.

Number of Jobs

in this position on PEI: 10 - 20

What makes a successful Film and Video Camera Operator?

Film and Video Camera Operators enjoy working in diverse environments and are able to make the best of every situation. They are self-motivated when working independently and also enjoy being a team player.

How do I begin to train for this position?

Film and Video Camera Operators are generally required to have completed a college or technical program in broadcasting or audio-visual technology and have related work experience.

Where in PEI can I train to be a Film and Video Camera Operator?

Training must be received out-of-province.

Where in PEI can I work as a Film and Video Camera Operator?

Canadian Broadcasting Corporation (CBC), Smith Sound, Cellar Door Productions, Castaway Productions, Telos Productions, Maritime Media Works and Motion Pictures

This occupation is cross listed with the IT sector.

Journalist

What does a Journalist do?

Journalists research, investigate, interpret and communicate news and public affairs through newspapers, television, online sources, radio and other media. Journalists collect and search out local, national and international news through interviews, investigations and observations. They may also create regular special interest columns, editorials or critical reviews.

What's in it for you?

Salary Range:

\$25 000 - \$45 000

Employment Rate:

The employment outlook for Journalists is considered limited.

Number of Jobs

in this position on PEI: 45

What makes a successful Journalist?

Journalists have strong interpersonal and communications skills. They are outgoing writers, interviewers and editors. Journalists have the ability to accurately gather information and interpret it. Journalists must be able to work under pressure and tight deadlines.

How do I begin to train for this position?

A university degree or college diploma in journalism or a related field such as communications is usually required. Working or volunteering with a school or community newspaper or yearbook may also provide insight into journalism work. Courses in English and writing may be beneficial to learning related skills.

Where in PEI can I train to be a Journalist?

Holland College offers a 2-year journalism program. UPEI and Holland College offer a bachelor of applied arts in print journalism.

Where in PEI can I work as a Journalist?

Journalists may work for one employer or they may work on a freelance basis. There are a number of newspaper and media outlets in PEI that employ Journalists.

Librarian

What does a Librarian do?

Librarians select, develop, organize, and maintain library collections and provide assistance to users. Librarians recommend acquisitions of books, periodicals audio-visual, interactive media and other materials for inclusion in library collections. They create and deliver programs for children, seniors and other special interest groups. Librarians also perform related administrative duties and supervise library technicians, assistants and clerks.

What's in it for you?

Salary Range:

\$30 000 - \$60 000

What makes a successful Librarian?

Librarians are passionate about books and have critical reading and thinking skills. They have the ability to memorize details and have excellent organization skills. Librarians have strong computer skills and an interest in information technology.

How do I begin to train for this position?

Librarians are required to hold a master's degree in library science. English, writing, and computer courses could provide insight into the required skills of a Librarian.

Where can I train to be a Librarian?

Dalhousie University offers a master's degree in library and information studies.

Where in PEI can I work as a Librarian?

Public libraries, post secondary institutions and governments employ Librarians.

Photographer

What does a Photographer do?

Photographers operate still cameras to photograph people, events, scenes, materials, products and other subjects. They study the requirements of each assignment to determine the type of camera, film, lighting and background accessories to be used. Photographers operate computers and imaging software to transfer and manipulate images. They may also process exposed film. There are numerous different specialties in the field, including fashion photography, news photography, portrait photography, commercial photography, art photography, wildlife photography and photojournalism.

What's in it for you?

Salary Range:

\$16 000 - \$30 000

Number of Jobs

in this position on PEI: 90

What makes a successful Photographer?

Photographers have natural artistic ability and an eye for composition. They have good eyesight and colour vision. Photographers have strong interpersonal skills, patience, and the ability to work well with a variety of subjects such as animals and people.

How do I begin to train for this position?

A bachelor's degree in visual arts with a specialization in photography, completion of specialized training in college or extensive on-the-job training under the supervision of a professional is required. Courses that may provide insight into the work of Photographers include visual arts, photography, computer, business and entrepreneurship.

Where in PEI can I train to be a Photographer?

Holland College offers a 2-year diploma program in photography and digital imaging.

Where in PEI can I work as a Photographer?

Photographers are employed by photographic studios, newspapers, magazines, museums and government, or they may be self-employed.

Financial Services

Most people think of major banks and investment firms when thinking of financial services companies. But Financial Services is a broad and rapidly expanding industry.

Opportunities in the financial services are available in virtually every medium to large business, as all of these businesses have some element of financial operation.

As most organizations operate under the GAAP (Generally Accepted Accounting Principles) protocol, an employee's skills can be used universally.

In Prince Edward Island, demand is increasing rapidly for people with business and accounting diplomas and degrees. In PEI multi-national organizations such as INVESCO Global Enterprise provide support services to clients in Europe, the United States and across Canada.

Working conditions are diverse, demand for employees is high, unemployment is low and income potential increases with an employee's experience. If you have an aptitude for math and enjoy working with people in a fast-paced and challenging work environment, the financial services industry offers a broad range of opportunities and lots of income potential.

Accountant/Fund Accountant

What does an Accountant/ Fund Accountant do?

Accountants/Fund Accountants calculate and analyze financial data for a variety of mutual funds. They are knowledgeable about a variety of investment vehicles including options, futures, swaps, bonds, mortgage-backed securities and equities for foreign and domestic investments.

Accountants/Fund Accountants work with daily pricing, monthly reconciliation and the financial reporting of mutual funds.

What's in it for you?

Salary Range:

\$30 000 - \$60 000 per year

Number of Jobs

in this position on PEI: 500

What makes a successful Accountant/Fund Accountant?

Accountants/Fund Accountants are self-motivated individuals with strong interpersonal skills. They are detail-oriented and have a keen interest in business and investing. Accountants/Fund Accountants have strong computer and accounting skills.

How do I begin to train for this position?

Accountants/Fund Accountants are expected to have a post-secondary education in accounting or the equivalent and are proficient in spreadsheet applications and accounting systems. An accounting designation (Certified General Accountant, Certified Management Accountant or Chartered Accountant) and accounting experience are preferred.

Where in PEI can I train to be an Accountant/Fund Accountant?

UPEI offers a bachelor of business administration and an Accounting Certificate. Holland College offers a 2-year Accounting Technology diploma program. Certification for Certified General Accountants, Certified Management Accountants and Chartered Accountants must be received out-of-province. However, assistance in these accounting designations is frequently available through employers in PEI.

Where in PEI can I work as an Accountant/Fund Accountant?

Public accounting firms, medium/large corporations and federal and provincial governments employ Accountants/Fund Accountants.

Client Account Services Representative

What does a Client Account Services Representative do?

Client Account Services Representatives provide services to financial clients. They address and meet clients' needs by applying standard procedural solutions and by using available internal resources. They evaluate, monitor and ensure inquiries, problems and situations are handled with quality service in a timely manner. Client Account Services Representatives perform research regarding account issues and/or inquiries and respond accordingly to clients. They must stay current with all products, and fund, policy and procedural changes.

What's in it for you?

Salary Range:

\$25 000 - \$35 000 per year

What makes a successful Client Account Services Representative?

Client Account Services Representatives enjoy providing quality customer service to clients. They are self-motivated and have the ability to make quick decisions, establish priorities and concentrate on detailed information in a fast-paced work environment. Client Account Services Representatives must have basic mathematic and computer skills and be able to work with large dollar amounts with outstanding accuracy. They are interested in investments and business and are committed to learning and gaining industry knowledge.

How do I begin to train for this position?

Client Account Services Representatives often have post-secondary education. Studies in math, English, and computer science would be considered an asset.

Where in PEI can I train to be a Client Account Services Representative?

UPEL offers a bachelor of business administration. Holland College and Academy of Learning offer a variety of business-related programs.

Where in PEI can I work as a Client Account Services Representative?

Major banks and investment brokers employ Client Account Services Representatives.

Client Relations Representative

What does a Client Relations Representative do?

Client Relations Representatives communicate with clients, evaluate client needs and conduct industry and client related research. Client Relations Representatives provide excellent service to clients by educating and guiding them on products, services and industry trends. They work closely with other representatives and their clients to build, reinforce and maintain business relationships. This is an entry-level position.

What's in it for you?

Salary Range:

\$20 000 - \$25 000 per year

Number of Jobs

in this position on PEI: 300

What makes a successful Client Relations Representative?

Client Relations Representatives enjoy talking, working and interacting with people. They enjoy providing a high level of customer service while giving accurate financial advice. Client Relations Representatives have a keen interest in business and investments. They are life-long learners and enjoy attending training sessions and following current trends and developments. They are self-motivated individuals with excellent written and oral communication skills.

How do I begin to train for this position?

Client Relations Representatives are required to have post-secondary training.

Where in PEI can I train to be a Client Relations Representative?

UPEI offers a variety of undergraduate degrees. Holland College offers a variety of diplomas. Academy of Learning offers a variety of diplomas and certificates. Studies in business, sociology and psychology would be considered an asset.

Financial Analyst

Fund/Trust Accounting & Controls

What does a Financial Analyst do?

Financial Analysts work for investment management companies with clients' investment portfolios. Financial Analysts prepare weekly federal and provincial tax remittances and monthly non-resident tax remittances. They verify all tax remittances, tax slips and other required documentation on a monthly, quarterly and/or yearly basis. Financial Analysts assist in the development and implementation of new or improved operational processes relating to trust accounting. They also produce monthly reporting packages and scorecards, set up new funds and arrange the payment of dividends and capital gains.

What's in it for you?

Salary Range:

\$30 000 - \$50 000 per year

Number of Jobs

in this position on PEI: 200

What makes a successful Financial Analyst?

Financial Analysts are self-motivated and enjoy working in challenging team environments. They have strong written and oral communication skills. Financial Analysts are detail-oriented and enjoy working with a wide variety of financial documents and regulatory agency rules, acts and guidelines. They are forward thinkers and enjoy identifying and assessing new ideas.

How do I begin to train for this position?

Financial Analysts have a bachelor's degree in business or accounting. They also have 2 - 3 years experience in a trust accounting, IT or controls setting within a financial institution.

Where in PEI can I train to be a Financial Analyst?

UPEI offers a bachelor's degree in business administration.

Where in PEI can I work as a Financial Analyst?

Law offices, major banks and investment brokers employ Financial Analysts.

Fund Accounting Support Technician/ Accountant Technician

What does a Fund Accounting Support Technician / Accountant Technician do?

Fund Accounting Support Technician/ Accountant Technicians prepare daily calculations for investment funds, reconcile general ledger accounts and assist in the preparation of accounting reports and projects. They provide support to the Accountant/Fund Accountants.

What's in it for you?

Salary Range:

\$25 000 - \$40 000 per year

Number of Jobs

in this position on PEI: 250

What makes a successful Fund Accounting Support Technician / Accountant Technician?

Fund Accounting Support Technician/ Accountant Technicians are detail oriented and organized team players. They thrive on meeting deadlines in a fast-paced environment. Fund Accounting Support Technician/Accountant Technicians enjoy accounting, investments and the world of business.

How do I begin to train for this position?

It is preferred that Fund Accounting Support Technician/Accountant Technicians have a post-secondary education in accounting or finance.

Where in PEI can I train to be a Fund Accounting Support Technician / Accountant Technician?

UPEI offers a bachelor of business administration and an Accounting certificate program. Holland College offers a 2-year Accounting Technology diploma program. Academy of Learning offers a Computerized Accounting Technician diploma program.

Where in PEI can I work as a Fund Accounting Support Technician /Accountant Technician?

Major banks and investment brokers employ Fund Accounting Support Technician/Accountant Technicians.

Health

After centuries of little advancement, the years between 1700 and 1900 witnessed some discoveries that would positively affect the practice of medicine. Edward Jenner's discovery of a vaccine that would wipe out small pox, and Doctor Horace Wells' first use of general anaesthetic were among the developments that brought medical science into a new age. It seems odd today that both of these discoveries came before the work of Joseph Lister and Louis Pasteur, which revealed that washing hands and cleaning instruments before surgery were critical to preventing the spread of infectious diseases.

By the beginning of the twentieth century, a new era of improving health care was underway that would have a positive effect on the generations of the next century. Due to the progress made, life expectancy for newborns in Canada reached 49 years in 1900. Now, over 100 years later, life expectancy has risen to 81 years. Much of the credit for our longer life spans can be attributed to people like Marie and Pierre Curie (medical use of radium), Sir Alexander Fleming (penicillin), and Canadians Frederick Banting and J.J.R. MacLeod (insulin) for the work they did almost a century ago.

Later advances would lead to the eradication of polio (Jonas Salk) and the saving and extension of life through organ transplants (Christiaan Barnhard). As well, increased understanding of the spread of viruses has made it possible to help prevent potential flu epidemics from turning into major pandemics.

Medical technology has advanced to improve treatment methods, increase likelihood of more complete recovery, and make the experience of receiving treatment more comfortable than even a generation ago. More recently, medical technology has reached a point that has sharply reduced the need for exploratory surgery.

The practice of medicine in 1900 had more in common with the practice of medicine in 1700 than it does with the medical care that patients can expect today. It is from this past that our professional health care team has evolved. The team that contributes to the wellness of Islanders today has grown to include numerous specialized roles dealing with diagnosis, treatment and rehabilitation of patients.

In the following pages, brief descriptions of 13 health careers in Prince Edward Island will make clear the choices you have and how you can become qualified to be an important part of our health care delivery team of the future. These occupations represent a fraction of the number of health careers practiced on Prince Edward Island. There are occupations to match the interests and abilities of many individuals and there are shortages in the majority of these occupations.

For more information on a career in the health sector visit: www.peihsc.ca

Audiologist and Speech Language Pathologist

What do Audiologists and Speech Language Pathologists do?

Audiologists and Speech Language Pathologists diagnose, evaluate and treat human communication disorders including hearing, speech, language and voice disorders. They plan and implement habilitation and/or rehabilitation programs for patients, including selection, fitting, and adjustment of hearing aid devices, and teaching lip reading. Speech Language Pathologists have specialized skills to treat patients who experience difficulty with communication and swallowing.

What's in it for you?

Salary Range:

\$55 000 - \$70 000

Number of Jobs

in this position on PEI: 25

What makes a successful Audiologist or Speech Language Pathologist?

Audiologists and Speech Language Pathologists are creative problem-solvers with great communication skills. They enjoy teaching and counselling clients and clients' families. Audiologists and Speech Language Pathologists are adaptable to client's personalities and needs. They must be caring, compassionate and patient.

How do I begin to train for this position?

Audiologists must have an undergraduate degree as well as a master's degree in audiology. Speech Language Pathologists must have an undergraduate degree as well as a master's degree in speech language pathology. Upon completion of the master's degree, students then meet the requirements for application for certification by the Canadian Association of Speech Language Pathologists and Audiologists (CASLPA).

Where in PEI can I train to be an Audiologist or Speech Language Pathologist?

UPEI offers a variety of undergraduate degrees. Dalhousie University's School of Human Communication Disorders offers a 3-year master of science in audiology and a 3-year master of science in speech language pathology.

Where in PEI can I work as an Audiologist or Speech Language Pathologist?

Audiologists and Speech Language Pathologists work in hospitals, public health centres, clinics, and rehabilitation centres. They may also be self-employed and own their own practice.

Dental Hygienist

What does a Dental Hygienist do?

Dental Hygienists provide dental hygiene treatment and information related to the prevention of diseases and disorders of the teeth and mouth. They remove stains and deposits from teeth to prevent tooth and root decay as well as gum disease.

Dental Hygienists may perform additional procedures under the direction of a dentist.

What's in it for you?

Salary Range:

\$43 680 - \$72 800

Employment Rate:

The employment outlook for Dental Hygienists in PEI is considered good.

Number of Jobs

in this position on PEI: 70

What makes a successful Dental Hygienist?

Dental Hygienists work well independently and are motivated to ensure that patients receive the best care possible. They are skillful with their hands and are able to use small instruments on patients' teeth. Dental Hygienists must have strong interpersonal skills in order to effectively work with their clients.

How do I begin to train for this position?

Dental Hygienists must hold a diploma or university undergraduate degree in Dental Hygiene. Dental Hygienists must also be registered members of the PEI branch of the Canadian Dental Hygienists Association.

Where can I train to be a Dental Hygienist?

Dalhousie University offers a 2-year diploma in dental hygiene and Oulton College offers a 20-month dental hygiene program.

Where in PEI can I work as a Dental Hygienist?

Dental Hygienists are employed in dentists' offices, hospitals, clinics, educational institutions, government agencies and private industry.

Dentist

What does a Dentist do?

Dentists diagnose, treat, prevent and control disorders of the teeth and mouth. They restore, extract and replace diseased and decayed teeth. Dentists perform oral surgery, provide post-surgery care and prescribe medication. Often Dentists are self-employed and own their own practices. They often supervise and direct dental assistance, dental hygienists and other staff. Dentists may specialize in orthodontics, pediatric dentistry, maxillo-facial surgery, periodontics, endodontics, and prosthodontics.

What's in it for you?

Salary Range:

\$123 730 (approximately)

Employment Rate:

The employment outlook for Dentists in PEI is good.

Number of Jobs

in this position on PEI: 65

What makes a successful Dentist?

Dentists are organized and detail oriented. They are leaders and enjoy working with and supervising staff. Dentists who own their own practices have solid entrepreneurial and business skills. They are life-long learners and are adaptive and receptive to new advancements in dentistry methods and equipment. Courses in biology, chemistry, English, physics and math may provide insight into the work of a Dentist.

How do I begin to train for this position?

Dentists are required to graduate from a 4-year doctor of dental surgery program. Normally a bachelor's degree is required before acceptance into the dentistry program. Extraordinary students may be admitted to the program with 10 full-year academic classes at the undergraduate level from a recognized university. Dentists are required to hold licensing from the Dental Association of PEI.

Where in PEI can I train to be a Dentist?

UPEI offers a variety of undergraduate degrees which could lead to acceptance in a dentistry program. Dalhousie University offers a 4-year doctor of dental surgery program.

Where in PEI can I work as a Dentist?

Dentists may work in private practice or with hospitals, public health facilities or universities.

Family Physician

What does a Family Physician do?

Family Physicians, sometimes referred to as General Practitioners, diagnose and treat the diseases, physiological disorders and injuries of patients. They examine patients' health and health related histories on a continuous basis. Family Physicians order laboratory tests, x-rays and other diagnostic procedures. They prescribe medication and treatments, provide pre and post-natal care as well as acute care management.

What's in it for you?

Salary Range:

\$148 925 (approximately)

Employment Rate:

The employment outlook for Family Physicians is good. There is a shortage of physicians across Canada.

Number of Jobs

in this position on PEI: 125

What makes a successful Family Physician?

Family Physicians are dynamic individuals with vast knowledge of the medical profession. They are caring, compassionate, and able to multi-task in stressful situations. Family Physicians have strong communication, time-management and reporting skills. Study of science, math, and English courses may be beneficial for individuals considering a career as a Family Physician.

How do I begin to train for this position?

Family Physicians must graduate from an approved medical school and complete 2-3 years of family medicine residency training. A bachelor's degree is usually required before acceptance into a medical program. Completion of the qualifying examinations of the Medical Council of Canada and licensing by the provincial or territorial authority are required.

Where can I train to be a Family Physician?

Dalhousie University Medical School and Memorial University Medical School offer training in family medicine.

Where in PEI can I work as a Family Physician?

Many Family Physicians operate their own practices while others work in hospitals, clinics, long-term care facilities, and homecare.

Licensed Practical Nurse

What does a Licensed Practical Nurse do?

Licensed Practical Nurses (LPN) provide nursing care, usually under the direction of medical practitioners or registered nurses. Licensed Practical Nurses provide nursing services such as taking vital signs, applying bandages, ensuring infection control and monitoring nutritional intake. Licensed Practical Nurses may take further courses or on-the-job training in order to become Operating Room Technicians, Phlebotomists (drawing blood), Electrocardiograph (ECG) Technicians or Electroencephalograph (EEG) Technicians.

What's in it for you?

Salary Range:

\$24 862 - \$39 643

Employment Rate:

The employment outlook for Licensed Practical Nurses in PEI is good.

Number of Jobs

in this position on PEI: 650

What makes a successful Licensed Practical Nurse?

Licensed Practical Nurses are dedicated to patient care. They are caring and compassionate and work well independently and in a team environment. Licensed Practical Nurses are able to follow instructions and perform repetitive and routine tasks.

How do I begin to train for this position?

Licensed Practical Nurses must complete a college or other approved program, with a passing score on the Canadian Practical Nurse Registration Examination and 1 000 practice hours. Licensed Practical Nurses must be registered members of the PEI Licensed Practical Nurses Registration Board.

Where in PEI can I train to be a Licensed Practical Nurse?

Holland College offers a 2-year practical nursing diploma program.

Where in PEI can I work as a Licensed Practical Nurse?

Licensed Practical Nurses work in hospitals, nursing homes, extended-care facilities, rehabilitation centres, doctors' offices, clinics, private homes and community health centres.

Medical Laboratory Technologist

What does a Medical Laboratory Technologist do?

Medical Laboratory Technologists perform sophisticated laboratory tests which help to diagnose and treat disease. They may conduct laboratory tests on blood, cerebro-spinal, urine as well as other bodily functions. Medical Laboratory Technologists may be responsible for developing procedures for analysis for experiments. They may also supervise and train other medical laboratory workers.

What's in it for you?

Salary Range:

\$40 000 - \$57 500

Employment Rate:

The employment outlook for Medical Laboratory Technologists in PEI is good.

Number of Jobs

in this position on PEI: 60

What makes a successful Medical Laboratory Technologist?

Medical Laboratory Technologists are life-long learners and enjoy adapting to and learning about evolving medical technologies. They have effective verbal and written communication skills. Medical Laboratory Technologists work effectively independently as well as in a team setting. Courses in biology, chemistry, computer science and math may be beneficial to understanding the role of a Medical Laboratory Technologists.

How do I begin to train for this position?

Medical Laboratory Technologists must complete post-secondary studies in medical laboratory science at an appropriate community college. Certification by the Canadian Society for Medical Laboratory Science and registration with the PEI Society of Medical Laboratory Technologists is required for Medical Laboratory Technologists working in hospital laboratories.

Where in PEI can I train to be a Medical Laboratory Technologist?

Training for Medical Laboratory Technologists must be received out-of-province. The New Brunswick Community College offers a 2-year, 6-month Medical Laboratory Technology program.

Where in PEI can I work as a Medical Laboratory Technologist?

Certified Medical Laboratory Technologists work in medical labs in PEI hospitals. Medical Laboratory Technologists also work at the Atlantic Veterinary College, the National Research Council, the Food Technology Centre, and other laboratories across PEI.

Medical Radiation (X-Ray) Technologist

What does a Medical Radiation (X-Ray) Technologist do?

Medical Radiation (X-Ray) Technologists operate equipment such as x-ray machines, radiographic and fluoroscopic equipment, CT scanners, and mammography units. They provide appropriate care to the patients during testing. Medical Radiation (X-Ray) Technologists record and process patient data.

What's in it for you?

Salary Range:

\$44 000 - \$54 000

Employment Rate:

The employment outlook for Medical Radiation (X-Ray) Technologists is considered good in PEI.

Number of Jobs

in this position on PEI: 80

What makes a successful Medical Radiation (X-Ray) Technologist?

Medical Radiation (X-Ray) Technologists are able to work under pressure in stressful situations. They have strong interpersonal skills and enjoy working with people. Medical Radiation (X-Ray) Technologists have effective analytical and problem solving skills. Studying biology, chemistry and math may provide insight into the Medical Radiation (X-Ray) Technologist career.

How do I begin to train for this position?

Medical Radiation (X-Ray) Technologists must hold a bachelor of applied science in radiography, bachelor of health sciences in radiography, nuclear medicine, or radiation therapy or a related degree. Medical Radiation (X-Ray) Technologists in PEI are also required to complete a period of supervised practical training. Certification by the Canadian Association of Medical Radiation Technologists and registration with the PEI Association of Medical Radiation Technologists is required.

Where in PEI can I train to be a Medical Radiation (X-Ray) Technologist?

UPEI and the Queen Elizabeth Hospital (QEH) offer both a 4-year bachelor of applied science in radiography as well as a 2-year post-diploma degree in radiography.

Where in PEI can I work as a Medical Radiation (X-Ray) Technologist?

Medical Radiation (X-Ray) Technologists are employed in hospitals, cancer treatment centres, clinics and radiological laboratories.

Occupational Therapist

What does an Occupational Therapist do?

Occupational Therapists develop individual and group programs for people affected by illness, injury, developmental disorders, emotional or psychological problems and aging to maintain, restore or increase their ability to care for themselves and to engage in work, school or leisure.

What's in it for you?

Salary Range:

\$44 850 - \$54 600

Number of Jobs

in this position on PEI: 50

What makes a successful Occupational Therapist?

Occupational Therapists are creative and empathetic individuals. They can effectively communicate and work with clients and other healthcare providers. Occupational Therapists have excellent problem solving and interpersonal skills. They also work well with little supervision.

How do I begin to train for this position?

Occupational Therapists are required to hold both a bachelor's degree and a master's degree of science. Occupational Therapists must be registered members of the PEI Occupational Therapists Registration Board.

Where in PEI can I train to be an Occupational Therapist?

UPEI offers a variety of bachelor of science degrees. Dalhousie University offers a master of science (occupational therapy).

Where in PEI can I work as an Occupational Therapist?

Occupational Therapists are employed in government health care facilities, schools, and by private and social services agencies. They may be self-employed.

Paramedic

What does a Paramedic do?

Paramedics, also known as Emergency Medical Technicians or EMTs, provide basic and advanced life support to seriously ill or injured patients before these patients reach the hospital. Pre-hospital emergency care that Paramedics provide may include cardiopulmonary resuscitation (CPR), oxygen, bandaging and splinting, spinal immobilization devices, and/or defibrillation devices.

What's in it for you?

Salary Range:

\$49 000 (approximately)

Employment Rate:

The employment outlook for Paramedics in PEI is good.

Number of Jobs

in this position on PEI: 70

What makes a successful Paramedic?

Paramedics are able to make effective, informed decisions while working in crisis situations. They are physically fit and are able to lift heavy loads. Paramedics have effective communication and leadership skills and can work well independently as well as in a team environment.

How do I begin to train for this position?

Paramedics require a college program and must be licensed by the Emergency Medical Services board. Those operating emergency vehicles require a Class 4 driver's license and driver's abstract.

Where in PEI can I train to be a Paramedic?

Holland College offers a 10-month Primary Care Paramedic Program as well as a 13-month Advanced Care Paramedic Program.

Where in PEI can I work as a Paramedic?

Island EMS

Pharmacist

What does a Pharmacist do?

Pharmacists interpret prescription orders, communicate information such as uses, side effects and drug interactions and assist patients in the selection of nonprescription medicines and health products. Pharmacists may also supervise and co-ordinate other pharmacists, pharmacy assistants, pharmacy technicians and cashiers.

What's in it for you?

Salary Range:

\$78 331 - \$90 000

Employment Rate:

The employment outlook for Pharmacists working in PEI is considered good.

Number of Jobs

in this position on PEI: 167

What makes a successful Pharmacist?

Pharmacists have effective interpersonal, customer relations and communication skills. They are able to calmly multi-task and supervise staff in a fast-paced work environment that requires precision and accuracy. Pharmacists are able to adapt to changing technology and pharmaceutical advancements. Completing courses in chemistry, biology and math may assist in preparing for a career as a Pharmacist.

How do I begin to train for this position?

A bachelor of science degree in pharmacy is required. Graduates must pass a national examination and a provincial legal examination. Pharmacists also require practical training under the supervision of a licensed pharmacist.

Where can I train to be a Pharmacist?

Pharmacists must receive their education out-of-province. Dalhousie University offers a 4-year bachelor of science degree in pharmacy.

Where in PEI can I work as a Pharmacist?

Pharmacists work in hospitals, government-operated pharmacies, private pharmacies and pharmaceutical companies.

Registered Nurse

What does a Registered Nurse do?

Registered Nurses (RN) care for patients and promote their physical, mental and social well being. They administer medications and other treatments as outlined by a physician. Registered Nurses monitor, record and report patient symptoms and conditions to other team members, physicians and patients' family members.

What's in it for you?

Salary Range:

\$49 000 - \$59 709

Employment Rate:

The employment outlook for Registered Nurses is good. There is a shortage of Registered Nurses in Canada.

Number of Jobs

in this position on PEI: 1 520

What makes a successful Registered Nurse?

Registered Nurses are patient and caring. They are able to manage their workload and patients as well as supervise other nursing and support staff. Registered Nurses are able to problem solve, mentor, and make critical decisions in stressful situations. Registered Nurses must be flexible regarding shift work and varied schedules.

How do I begin to train for this position?

Registered Nurses must hold an undergraduate degree in nursing. In order to work in PEI, graduates must write the Canadian Registered Nurse Exam of the Canadian Nursing Association. Once graduates pass the examination all practicing Registered Nurses in PEI must hold membership in the Association of Nurses of Prince Edward Island. To maintain their licenses, Registered Nurses must work a minimum of 150 shifts (equivalent to 1 125 hours) for the last 5 consecutive years.

Where in PEI can I train to be a Registered Nurse?

UPEI offers a 4-year bachelor of science in nursing.

Where in PEI can I work as a Registered Nurse?

Registered Nurses are employed in a variety of settings including hospitals, nursing homes, extended-care facilities, rehabilitation centres, doctors' offices, clinics, companies and private homes or they may be self-employed.

Resident Care Worker

What does a Resident Care Worker do?

Resident Care Workers (RCW) provide physical, emotional, psychological and social care for clients under the supervision of physicians, nurses and hospital staff. They bathe, dress, groom and feed patients. Resident Care Workers may make beds and maintain patients' rooms, inventory supplies and linen supplies.

What's in it for you?

Salary Range:

\$21 695 - \$35 470

Employment Rate:

The employment outlook for Resident Care Workers in PEI is good.

Number of Jobs in this position on PEI:

650 (approximately)

What makes a successful Resident Care Worker?

Resident Care Workers are caring and compassionate individuals that are dedicated to providing exceptional patient care. They have strong communication and interpersonal skills. Resident Care Workers are able to manage their workload while also dealing with challenging patients. They often work shift work and must be flexible to changing work schedules and work environments.

How do I begin to train for this position?

Resident Care Workers must complete a relevant college or private institution training program.

Where in PEI can I train to be a Resident Care Worker?

Holland College offers a 6.5 - month Resident Care Worker Certificate. CompuCollege, Marguerite Connolly Training and Consulting, as well as Collège Acadie Î.P.É. also offer Resident Care Worker programs from 6 - 9 months in length.

Where in PEI can I work as a Resident Care Worker?

Resident Care Workers are employed in public and private long-term care facilities and home care.

Specialist Physician

What does a Specialist Physician do?

Specialist Physicians focus on treating a particular system or part of the body. Specialist Physicians may specialize in such as areas as the heart, brain, skin, eyes, ears/nose/throat, feet, bones, nervous system or muscular system.

What's in it for you?

Salary Range:

\$210 000 (approximately)

Employment Rate:

The employment outlook for Specialist Physicians is good. There is a shortage of Specialist Physicians across Canada.

Number of Jobs

in this position on PEI: 127

What makes a successful Specialist Physician?

Specialist Physicians are life-long learners who enjoy the challenge of consistently learning about medical advances relating to their field. They are compassionate and caring individuals. Specialist Physicians are detail oriented and are able to memorize large amounts of information. The study of science, math, and English may be beneficial for individuals considering a career as a Specialist Physicians.

How do I begin to train for this position?

A bachelor's degree is usually required before acceptance into the medical program. Specialist Physicians must graduate from an approved medical school and specific specialty training is required. The length of specialty training varies depending on the field of study. Specialists in clinical medicine require 4 - 5 years of specialty residency training; Specialists in surgery require 5 - 6 years of specialty residency training and 2 years of sub-specialty training may also be required. Completion of the qualifying examinations of the Royal College of Physicians and Surgeons of Canada and licensing by the provincial or territorial authority are required.

Where can I train to be a Specialist Physician?

Dalhousie University Medical School and Memorial University Medical School have faculties of medicine with various options for specialization.

Where in PEI can I work as a Specialist Physician?

Specialist Physicians may work in their own practices or in clinics and hospitals.

IT (Information Technology)

Look at the world around you. IT is everywhere – your cell phone and bank card are good examples of IT in our lifestyle. But how does it all work? Who makes it all happen?

Careers in the IT Industry, or sector, cover a broad spectrum of employment opportunities. Not only are people employed directly in small, medium and large businesses specializing in IT, but they also work in

- financial and money management – banks, investment and estate planning
- social services agencies – health, family and childcare
- transportation – from airlines to shipping
- communications – public relations, business and marketing
- telecommunication – Internet, telemarketing centres and technical support

Current and future employment opportunities in the IT sector are exceptional. The Canada Career Consortium reports that many employment categories in this sector will be the fastest growing and highest paying careers. Self-employment and contract work will be a major factor.

There are many exciting, in-demand jobs in IT right here! PEI is excelling in traditional IT industries while also becoming a hub for multi-media, gaming and film sub-sectors.

For more IT career information please visit:

www.peijoblink.ca
www.discoverit.org
www.itsc.ca

Computer Engineer

IT Industry Analysis

What does a Computer Engineer do?

Computer Engineers research, plan, design, create, modify, evaluate, and integrate computer and telecommunications hardware, information, and communication system networks. They work closely with clients to analyze their requirements and design and develop system specifications. Computer Engineers supervise, inspect, and provide design support during the manufacturing, installation, and implementation of hardware.

What's in it for you?

Salary Range:

\$68 335 per year

Number of Jobs

in this position on PEI: 35

What makes a successful Computer Engineer?

Computer Engineers have excellent problem solving, analytical, and math skills. They have strong technical, communication, and coordination skills.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must

register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Computer Engineers require a bachelor's degree in computer engineering, electrical or electronics engineering.

Where in PEI can I train to be a Computer Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University, Halifax and the University of New Brunswick, Fredericton. Other Canadian and international universities also offer engineering degree programs.

Computer and Information Systems Manager

What does a Computer and Information Systems Manager do?

Computer and Information Systems Managers plan, organize, direct, control, and evaluate the activities of organizations that analyze, design, develop, implement, operate, and administer computer and telecommunications software, networks, and information systems. Computer and Information Systems Managers meet with clients to discuss system requirements, specifications, costs and timelines. They also assemble and manage teams of information systems personnel.

What's in it for you?

Salary Range:

\$27.94 - \$41.25 per hour
(\$70 444 per year)

Employment Rate:

The job prospects in this occupation are considered fair.

Number of Jobs in this position on PEI:

70

What makes a successful Computer and Information Systems Manager?

Computer and Information Systems Managers are detail-oriented and logical thinkers. They can envision a client's needs and transform ideas into a maintainable system. Computer and Information Systems Managers must enjoy meeting and working with others as well as working independently.

How do I begin to train for this position?

Computer and Information Systems Managers may hold either a bachelor's degree in computer science, mathematics, commerce or business administration or a college diploma in computer science. Computer programming skills are generally required.

Where in PEI can I train to be a Computer and Information Systems Manager?

Computer and Information Systems Managers may receive training from UPEI and Holland College. UPEI offers a bachelor of science degree in computer science as well as a bachelor of business degree with a minor in information technology. Holland College offers two related programs: the 2-year Computer Information Systems program and the 10-month post-graduate Business Information Systems Development program.

Where in PEI can I work as a Computer and Information Systems Manager?

DeltaWare Systems, Bell Aliant, Cogsdale Corporation, CGI Inc., iWave.com, Maritime Electric, Timeless Technologies, Swift Radius, Bright Games, Other Ocean, Trapeze Animation, Government of PEI, Veterans Affairs Canada, Summerside Tax Centre

Computer and Network Operator and Web Technician

What does a Computer and Network Operator and Web Technician do?

Computer and Network Operators establish, operate, maintain, and co-ordinate the use of local and wide area networks, mainframe networks, hardware, software, and related computer equipment. Web Technicians set up and maintain internet and intranet websites and web server hardware and software. They also monitor and optimize network performance.

What's in it for you?

Salary Range:

\$12 - \$24.06 per hour (\$44 785 per year)

Employment Rate:

The employment outlook for this occupation is considered fair.

Number of Jobs

in this position on PEI: 185

What makes a successful Computer and Network Operator and Web Technician?

Computer and Network Operators and Web Technicians are creative problem solvers with effective communication and interpersonal skills. An ability to understand complex systems and mechanisms is also an asset.

How do I begin to train for this position?

Computer and Network Operators and Web Technicians complete post-secondary training in computer science, network administration, web technology or a related field.

Where in PEI can I train to be a Computer and Network Operator and Web Technician?

There are a number of educational institutions in PEI that offer related programs: Academy of Learning, CompuCollege School of Business, Holland College and Collège Acadie Î.P.É.

Where in PEI can I work as a Computer and Network Operator and Web Technician?

DeltaWare Systems, Diversified Metal Engineering Ltd., Garden Isle Computing Inc., On-Line Support Inc., Resolve Corporation, UPEI, Eastlink, Bell Aliant, Web SMB, Government of PEI, Veterans Affairs Canada, Summerside Tax Centre

Computer Programmer

What does a Computer Programmer do?

Computer Programmers write, modify, integrate, and test computer code for microcomputer and mainframe software applications, data processing applications, operating systems-level software and communications software. They prepare reports, manuals, and other documentation on the status, operation, capabilities, and maintenance of software.

What's in it for you?

Salary Range:

\$44 805 per year

Employment Rate:

The employment outlook for this occupation is considered good. The employment rate for Computer Programmers is expected to grow at a faster rate than other similar occupations.

Number of Jobs

in this position on PEI: 280

What makes a successful Computer Programmer?

Computer Programmers have excellent decision-making, problem-solving, and analytical skills. They have strong verbal and written communication skills.

Computer Programmers have the ability to work independently as well as in a team.

How do I begin to train for this position?

Computer Programmers often have either a bachelor's degree in computer science or have completed a college program in computer science.

Where in PEI can I train to be a Computer Programmer?

UPEI offers a bachelor of science in computer science. Holland College offers diplomas in Business Information Systems Development and Computer Information Systems (programming).

Where in PEI can I work as a Computer Programmer?

DeltaWare Systems, Business Technology Consulting, Timeless Technologies, Cogsdale Corporation, Sand Castle Technologies, CGI, Bell Aliant, XWave, Government of PEI, Veterans Affairs Canada, Summerside Tax Centre

Database Analyst

What does a Database Analyst do?

Database Analysts create, develop, and administer data using database management software. They must determine the user's requirements then design, construct, modify, implement, and test database systems. Database Analysts research, develop, and document policies and procedures for network access, data access, network usage, and backup and recovery.

What's in it for you?

Number of Jobs

in this position on PEI: 10 - 20

What makes a successful Database Analyst?

Database Analysts enjoy troubleshooting and solving technical and organizational challenges. They are self-motivated when working independently; however, database analysts must also enjoy working and cooperating with others. Database Analysts are detail oriented and analytical.

How do I begin to train for this position?

Database Analysts may hold either a bachelor's degree in computer science, mathematics, commerce or business administration or a college diploma in computer science. Computer programming skills are generally required.

Where in PEI can I train to be a Database Analyst?

Educational training for Database Analysts is available from UPEI, Holland College and Academy of Learning. UPEI's Department of Computer Science and Information Technology offers a bachelor's degree with a major in computer science while the School of Business offers a bachelor's degree with a minor in information technology. Holland College offers 2 related programs: Computer Information Systems and Business Information Systems Development. Academy of Learning offers Microsoft Certification as part of the Applied Information Technology Network Analyst program.

Where in PEI can I work as a Database Analyst?

DeltaWare Systems, Business Technology Consulting, Timeless Technologies, CGI Inc., Government of PEI, Veterans Affairs Canada

Graphic Designer/Illustrator

What does a Graphic Designer/Illustrator do?

Graphic Designer/Illustrators bring ideas to life. They conceptualize and produce graphic art and visual materials to communicate information through publications, advertisements, films, packaging, posters, signs, websites, CD-ROMs, etc. Graphic Designer/Illustrators determine clients' graphic needs, choose the best-suited medium, and design the graphic elements. They also provide the client with accurate estimates of cost and time. In many cases, the Graphic Designer/Illustrator is considered one occupation; however, in some cases the Illustrator may create the work designed by the Graphic Designer.

What's in it for you?

Salary Range:

\$27 075 per year

Employment Rate:

The employment rate for a Graphic Designer/Illustrator is considered good. While there are few positions within this occupation in PEI, there are new opportunities becoming available with few people to fill the positions. Some of this work may be done on a contract basis. Forty percent of PEI's Graphic Designer/Illustrators are self-employed.

Number of Jobs

in this position on PEI: 120

What makes a successful Graphic Designer/Illustrator?

Graphic Designer/Illustrators are creative and have the ability to visualize ideas. They must have strong artistic and drawing abilities. Graphic Designer/Illustrators constantly work with the

pressure of deadlines so they must perform well under tight time constraints. They enjoy working with people and have strong written and verbal communication skills.

How do I begin to train for this position?

Most of a Graphic Designer/Illustrator's work is accomplished with computers thus they should have strong computer skills.

Where in PEI can I train to be a Graphic Designer/Illustrator?

Holland College offers a 2-year Graphic Design diploma program that provides the necessary post-secondary training for entry-level positions in this field.

Where in PEI can I work as a Graphic Designer/Illustrator?

Abegweit Outfitting Co., Action Press, Graphic Communications Inc., Island Offset, Kwik Copy Printing, Revolution Media, Sign Magic, TechnoMedia, Fresh Media, Revolution Media, Graphic Communications, Hudson eDesign, Imageworks. Some Graphic Designer/Illustrators operate their own businesses.

This career is cross listed with the cultural sector.

IT Project Manager

What does an IT Project Manager do?

IT Project Managers are responsible for the overall coordination of systems development and implementation for major IT applications. They oversee projects from start to finish and must ensure that projects deliver as intended, that the staffing requirements are effective, and that the project is completed on time and within the allotted budget. IT Project Managers are responsible for most of the decisions associated with their projects.

What's in it for you?

Employment Rate:

The employment outlook for this occupation is considered good.

What makes a successful IT Project Manager?

IT Project Managers are able to make sound decisions, communicate effectively, and manage people under pressure. They pay close attention to detail and enjoy being in a leadership role. Often IT Project Managers are required to work overtime to complete projects on time.

How do I begin to train for this position?

IT Project Managers usually hold either a bachelor's degree or a college diploma in an IT related field. In some cases, IT Project Managers may have a bachelor's degree or diploma in an unrelated

discipline but must have a significant amount of work experience in the IT industry. IT Project Managers often begin in junior IT Project Manager roles and may advance to more senior roles as they gain experience. Senior IT Project Managers may require experience in specific fields. Project Management Professional (PMP) Certification is available with successful completion of several courses, a significant amount of project management experience, and a passing grade in written exams.

Where in PEI can I train to be an IT Project Manager?

UPEI offers a bachelor of science in computer science. Holland College offers a variety of computer studies programs including Business Information Systems Development, Computer Information Systems, Computer Engineering Technology, and Electronics Engineering Technology.

Where in PEI can I work as an IT Project Manager?

DeltaWare Systems, Vision Quest, Business Technology Consulting, Bell Aliant, Xwave, Sand Castle Technologies, Government of PEI, Veterans Affairs Canada, Summerside Tax Centre

Information Systems Analyst

What does an Information Systems Analyst do?

Information systems are automated processes that collect, process, transmit, and disperse data and information within an organization and globally.

Information Systems Analysts design, develop and implement information systems. They identify and document client requirements and conduct research. Information Systems Analysts also offer advice on information systems' strategy, policy, management, and delivery.

What's in it for you?

Salary Range:

\$60 643 per year

Employment Rate:

The employment outlook for this occupation is considered fair. In PEI, many of the Information Systems Analysts work within government organizations. The turnover and retirement rates in these government positions are generally quite low.

Number of Jobs

in this position on PEI: 275

What makes a successful Information Systems Analyst?

Information Systems Analysts enjoy identifying, defining, and solving problems. They must be effective communicators and enjoy working with clients to determine, decipher, and resolve the needs of the clients. Information Systems Analysts have the ability to make effective decisions while under pressure and strict deadlines.

How do I begin to train for this position?

Information Systems Analysts generally require a bachelor's degree or a college diploma in an IT related field.

Where in PEI can I train to be an Information Systems Analyst?

UPEI's Department of Computer Science and Information Technology offers a bachelor's degree with a major in computer science while the School of Business offers a bachelor's degree with a minor in information technology. Holland College offers 2 related programs: Computer Information Systems and Business Information Systems Development. Academy of Learning offers a program in Information Systems Specialist.

Where in PEI can I work as an Information Systems Analyst?

DeltaWare Systems, Business Technology Consulting, Timeless Technologies, Vision Quest Inc., CGI Inc., Government of PEI, Veterans Affairs Canada, Summerside Tax Centre

Interactive Media Developer

What does an Interactive Media Developer do?

Interactive Media Developers write, modify, integrate, and test computer code for internet applications, computer-based training software, computer games, film, video, and other interactive media. They also prepare reports and manuals on the status, operation, and maintenance of software.

What's in it for you?

Salary Range:

\$44 805 per year

Employment Rate:

In PEI, the employment outlook for Interactive Media Developers is considered good.

Number of Jobs

in this position on PEI: 110

What makes a successful Interactive Media Developer?

Interactive Media Developers should have strong analytical, creative, problem solving, and decision-making skills. They enjoy working independently as well as in a team.

How do I begin to train for this position?

A bachelor's degree or college diploma in computer science (or another area with a significant programming component) is usually required for this occupation.

Where in PEI can I train to be an Interactive Media Developer?

UPEI offers two suitable degrees for this occupation: a bachelor of science in computer science and a bachelor of business administration with a minor in information technology. Holland College offers four related programs: Business Information Systems Development, Business Information Technology, Interactive Multimedia and Video Game Art and Design. Academy of Learning offers a program in Graphics and Web Designer.

Where in PEI can I work as an Interactive Media Developer?

Bight Games, Other Ocean, Telos Productions, Longtail Studios, DeltaWare Systems, Timeless Technologies, Trapeze Animation, Cogsdale Corporation, Sand Castle Technologies, CGI Inc., Bell Aliant, Xwave

Software Developer

What does a Software Developer do?

Software Developers research, design, evaluate, integrate, and maintain software applications, technical environments, operating systems, and telecommunications software. Software Developers also plan, design, and co-ordinate the development, installation, integration, and operation of computer-based systems. They assess, troubleshoot, document, upgrade and create maintenance procedures for operating systems and applications software.

What makes a successful Software Developer?

Software Developers must have strong technical troubleshooting skills and enjoy overcoming challenges through trial and error methods. They must be team players yet self-motivated when working in independent roles. Software Developers may lead and co-ordinate teams of information systems professionals thus may be required to work in a team-motivating role.

How do I begin to train for this position?

Software Developers have a bachelor's degree, often in computer science, computer systems engineering, mathematics or software engineering. They may also have completed a college program in computer science.

Where in PEI can I train to be a Software Developer?

UPEI's Department of Computer Science and Information Technology offers a degree with a major in computer science while UPEI's School of Business offers a degree with a minor in information technology.

Where in PEI can I work as a Software Developer?

Eight Games, Other Ocean, Telos Productions, Longtail Studios, Sculpin QA, Trapeze Animation, DeltaWare Systems, Timeless Technologies, Trapeze Animation, Cogsdale Corporation, CGI Inc., Bell Aliant, Xwave, Government of PEI, Veterans Affairs Canada, Summerside Tax Centre

Technical Service Representative

What does a Technical Service Representative do?

Technical Service Representatives assist clients with technical problems as well as with technical equipment training. They assist clients with a wide variety of hardware and software products throughout the user's setup, installation, configuration, and day-to-day operations. Technical Service Representatives usually work in typical office environments; however, much of their work is done at the client's workstation or worksite.

What's in it for you?

Salary Range:

\$31 205 - \$61 750 per year

What makes a successful Technical Service Representative?

Technical Service Representatives are empathic, flexible, and patient individuals that enjoy helping others during challenging situations. They enjoy the challenge of working with computers and using trial and error to solve computer problems. Technical Service Representatives must communicate effectively and be able to explain complex details in a simple and accurate way.

How do I begin to train for this position?

Most Technical Service Representatives are required to have a university degree or college diploma as well as related IT experience.

Where in PEI can I train to be a Technical Service Representative?

UPEI offers a bachelor of science in computer science. Holland College offers a variety of computer related programs including Business Information Systems Development, Computer Information Systems, Computer Engineering Technology, and Electronics Engineering Technology. Academy of Learning offers related programs including Computer Service Technician, PC Support Specialist, and Help Desk Analyst. CompuCollege offers a program in Computer Service Technician.

Where in PEI can I work as a Technical Service Representative?

Combat Computers, CompuSol, Computer House Calls, Kensington Computer Essentials, Mega Deals R Us, Montague Computer, Sites and Bytes Computers, Total Tech Solutions, Computer Dynamics, Computer Perfect, Computer Resource, Cyberworks, Garden Isle Computing, Internet Secure PC, J.White Computer Services, LP Computer Solutions Inc., Little Mac Shoppe, MicroAge, R&R Computers, Tech-Rep Ltd., Xwave, Government of PEI, Veterans Affairs Canada, Summerside Tax Centre

Technical Writer

What does a Technical Writer do?

Technical Writers are responsible for the organizing, writing, and editing of scientific and technical publications. Technical publications include instructional materials, technical manuals, and product documentation. While Technical Writers are employed in the IT industry, they may work specifically with research and development laboratories, health care and insurance companies, and manufacturing plants.

What makes a successful Technical Writer?

Technical Writers must thoroughly understand the equipment or procedure of which they are writing about. For this reason, they must spend time learning about their subject through hands-on experience and in-depth interviews with designers and expert users. Technical writing is detailed work, which requires strong writing and organizational skills. Technical Writers must be able to explain complex information simply and accurately.

How do I begin to train for this position?

Technical Writers usually hold a college diploma or university degree. Their education often focuses on IT related studies, although specialized training in science, communication or journalism would be an asset.

Where in PEI can I train to be a Technical Writer?

Holland College offers a 2-year Journalism diploma program. UPEI and Holland College jointly offer a bachelor of applied arts in print journalism. UPEI offers a bachelor of science in computer science and a bachelor of arts degree (possible English major).

Where in PEI can I work as a Technical Writer?

Justice Knowledge Network, DeltaWare Systems, Ceridian Canada Ltd., Future Learning Inc., Bell Aliant, Xwave, Government of PEI, Veterans Affairs Canada, Summerside Tax Centre

Web Designer/Developer

What does a Web Designer/Developer do?

Web Designer/Developers research, design, develop, and produce internet and intranet sites. Web Designer/Developers assess website requirements of clients, prepare mock-ups, determine hardware and software requirements then select and organize information to create the client's website. Web Designer/Developers use graphics, database animation, and other software to aid in the development of websites. They may coordinate and manage multidisciplinary teams to develop website graphics, animation, content, capacity, and interactivity. In some organizations, this occupation may be divided into two separate positions.

What makes a successful Web Designer/Developer?

Web Designer/Developers are creative and visionary. They enjoy working with clients and creating a finished product to meet the clients' needs. Web Designer/Developers also have strong technical skills and enjoy the trial and error process associated with creating great websites.

How do I begin to train for this position?

Web Designer/Developers may have a bachelor's degree usually in computer science, communications or business or a college diploma in computer science, web design, business or graphic arts.

Where in PEI can I train to be a Web Designer/Developer?

UPEI, Holland College, and Academy of Learning offer programs related to these occupations.

Where in PEI can I work as a Web Designer/Developer?

Bell Aliant, Graphic Communications, Fresh Media, Internetworks, Marshall Media, Swift Radius, Technomedia, Virtual Art Inc., Vision Quest Inc., WebSite Advantage, Hudson eDesign, Image Factory, Resource Marketing, Revolution Media, Seabreeze Consulting, Silver Orange, TPT Solutions, Synergy Solutions, CGI Inc., Web SMB, Image Works

Manufacturing and Skilled Trades

If you like working with your hands, challenging your mind and thrive in a dynamic environment where each day presents a new challenge, the Manufacturing Industry has a variety of career opportunities for you!

As one of the largest private sector employers in PEI, manufacturing has thousands of career opportunities. PEI's Manufacturing Industry includes a variety of technicians, trades people, managers and professionals. Budding entrepreneurs may also find their niche in manufacturing where they create their own inventions, crafts or products for local and regional markets.

Manufacturing has grown significantly in Prince Edward Island over the past five years and all indications are that this growth will continue into the foreseeable future. Many of PEI manufacturing companies sell their goods all over the world.

Some exports from proud Prince Edward Island businesses include

- processed food
- wood products
- fabricated metals
- plastics
- aerospace
- train components

Cabinetmaker

What does a Cabinetmaker do?

Cabinetmakers construct and repair wooden cabinets, furniture and fixtures. They operate power and hand wood-working machines such as power saws, mortisers, jointers and shapers to cut, shape and form parts and components. Cabinetmakers finish wooden surfaces by sanding, applying veneer and stain or polish to them. They prepare estimates for clients for materials and labour required. Cabinetmakers generally work in a shop environment with many types of tools.

What's in it for you?

Employment Rate:

The employment outlook for Cabinetmakers is expected to be good especially for qualified and experienced Cabinetmakers.

Number of Jobs

in this position on PEI: 145

What makes a successful Cabinetmaker?

Cabinetmakers must be detail-oriented and have great hand-eye coordination. They enjoy working with their hands and take great pride in producing quality products. They should be able to work with numbers to perform calculations and be able to work both independently as well as part of a team.

How do I begin to train for this position?

Although some employers require their Cabinetmakers to hold a certificate of qualification or to be registered in an apprenticeship program, it is not mandatory in PEI. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Cabinetmaker?

Apprenticeships are available in PEI for Cabinetmakers. Holland College offers a 9-month Wood Manufacturing-Cabinet-making certificate program.

Where in PEI can I work as a Cabinetmaker?

Alf's Custom Cabinets, Cabinetmaster, Craig Construction and Cabinetmaking, Prestige Kitchens

Electronic Assembler, Fabricator, Inspector and Tester

What does an Electronic Assembler, Fabricator, Inspector or Tester do?

Electronic Assemblers and Fabricators make electronic equipment, parts and components such as resistors, diodes, transistors, capacitors, integrated circuits, switches and wires. Electronic Inspectors and Testers inspect and test electronic and electromechanical assemblies, subassemblies, parts and components to ensure that they are working properly and meeting the required standards.

What's in it for you?

Salary Range:

\$10 - \$20 per hour

Number of Jobs

in this position on PEI: 10 - 20

What makes a successful Electronic Assembler, Fabricator, Inspector or Tester?

Electronic Assembler, Fabricator, Inspector and Testers enjoy problem solving and working through challenges using trial and error. They work well with their hands to operate small power tools. They are interested in the processes and functions of electricity.

How do I begin to train for this position?

Education and training for Electronic Assembler, Fabricator, Inspector and Testers varies, although most of the required skills can be acquired through on-the-job training. Electronic Testers may require post-secondary courses in electronic theory, testing techniques and testing equipment. Both Electronics Inspectors and Testers may be required to have experience as an Electronic Assembler or component fabricator.

Where in PEI can I train to be an Electronic Assembler, Fabricator, Inspector or Tester?

Electronic Assembler, Fabricator, Inspector and Testers may begin their education with Holland College's 2-year Electronics Engineering Technologist diploma program.

Glazier

What does a Glazier do?

Glaziers measure, mark, cut, etch and tint glass for homes, offices, churches, museums and other buildings. They install, replace and repair glass in buildings, furniture and other products. Glaziers assemble and install prefabricated glass and mirrors on walls, ceilings and interiors and exteriors of homes and buildings.

What's in it for you?

Number of Jobs

in this position on PEI: 30

What makes a successful Glazier?

Glaziers enjoy working with their hands and have good eyesight and hand-eye coordination. They are comfortable with heights and physically fit. Glaziers are self-motivated but also enjoy working as part of a team. They are skilled in interpreting blueprints, problem solving and completing detailed work.

How do I begin to train for this position?

Apprenticeships are available for Glaziers. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Glazier?

Apprenticeships are available in PEI for Glaziers.

Where in PEI can I work as a Glazier?

Apple Auto Glass, Island Glass Ltd., Standard Auto Glass Ltd.

Heavy-Duty Equipment Technician

What does a Heavy-Duty Equipment Technician do?

Heavy-Duty Equipment Technicians repair, troubleshoot, adjust, overhaul and maintain heavy equipment used in construction, forestry, mining, material handling, landscaping, land clearing, farming, fishing and similar activities. They diagnose problems to determine what repairs are needed. Heavy-Duty Equipment Technicians perform routine maintenance, inspections and upgrades on equipment.

What's in it for you?

Salary Range:

\$11.70 - \$14.27 per hour

Employment Rate:

The employment outlook for Heavy-Duty Equipment Technicians is good. As machinery becomes more technically advanced, highly skilled Heavy-Duty Equipment Technicians are becoming essential.

Number of Jobs

in this position on PEI: 380

What makes a successful Heavy-Duty Equipment Technician?

Heavy-Duty Equipment Technicians must be mechanically inclined and enjoy working through challenges using trial and error. They are life-long learners. This trait allows them to stay current with new equipment and techniques. Heavy-Duty Equipment Technicians must enjoy working with clients, co-workers and supervisors.

How do I begin to train for this position?

Heavy-Duty Equipment Technicians often receive their training through apprenticeship or college training. In PEI, certification for Heavy-Duty Equipment Technicians is voluntary but recommended. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Heavy-Duty Equipment Technician?

Apprenticeships for Heavy-Duty Equipment Technicians are available in PEI.

Where in PEI can I work as a Heavy-Duty Equipment Technician?

Curran & Briggs Ltd., Island Coastal Services Ltd., JEC Farm Equipment, Atlantic CAT, PEI Department of Transport and Public Works

Industrial Electrician

What does an Industrial Electrician do?

Industrial Electricians inspect, install, troubleshoot, repair and service electrical equipment such as motors, generators, pumps, alternators, heavy-duty machines, environmental regulating systems and communication systems as well as associated electrical and electronic controls. They may also install, maintain and calibrate industrial instrumentation and related devices.

What's in it for you?

Salary Range:

\$13.40 - \$25.10 per hour

Employment Rate:

The outlook for Industrial Electricians is considered good, although it is very dependant on the manufacturing sector.

Number of Jobs

in this position on PEI: 95

What makes a successful Industrial Electrician?

Industrial Electricians should enjoy working with their hands in a physically demanding occupation. They have strong analytical and problem-solving skills, with the ability to perform detailed and precise work. Industrial Electricians must be able to read and interpret diagrams and blueprints. They have the ability to work independently as well as with a team.

How do I begin to train for this position?

Industrial Electricians must generally complete post-secondary training or an apprenticeship. Industrial Electricians in PEI are required to maintain a Certificate of Qualification. This occupation is Red Seal designated.

Where in PEI can I train to be an Industrial Electrician?

Holland College offers a 2-year Industrial Electrical Technician diploma program. Apprenticeships are available for Industrial Electricians in PEI.

Where in PEI can I work as an Industrial Electrician?

AMAC Electric (2004) Ltd., Capital Electric & Refrigeration Ltd., Cavendish Farms, East Isle Shipyards Ltd., Foster Campbell Electric, Gorman Controls, Hansen Electric Ltd., JA Electric, Jamieson Electric & Refrigeration Ltd., Kamstar Inc., North Shore Electric, Noye Enterprises, Olympia Electric Ltd., Palmer Electric Ltd., Prince Electric Inc., R. Cudmore Electric, Slement Park Corporation, T&C Electrical Ltd., Waites Enterprises Ltd.

Industrial Mechanic (Millwright)

What does an Industrial Mechanic do?

Industrial Mechanics install, maintain, troubleshoot and repair stationary industrial machinery and mechanical equipment such as pumps, fans, tanks, conveyors, furnaces and generators. They operate lathes and grinders to build parts for maintenance of machinery and equipment. Industrial Mechanics operate cranes, jacks and tractors to position machinery. They read and interpret blueprints and schematic drawings.

What's in it for you?

Salary Range:

\$13.25 - \$18.11 per hour

Employment Rate:

The employment outlook for Industrial Mechanics is considered fair.

Number of Jobs

in this position on PEI: 165

What makes a successful Industrial Mechanic?

Industrial Mechanics are able to read and interpret blueprints, drawings and information to determine the required solution. They have significant decision-making and problem-solving skills. Industrial Mechanics must be flexible and prepared to work with many different types of machinery, equipment, tools and computers. Industrial Mechanics must have good physical strength, stamina and be able to work well with their hands.

How do I begin to train for this position?

Certification is not required to work as an Industrial Mechanic in PEI, although certification may increase employability. This trade is Red Seal designated.

Where in PEI can I train to be an Industrial Mechanic?

Apprenticeships are available in PEI for Industrial Mechanics.

Where in PEI can I work as an Industrial Mechanic?

AgraWest Foods Inc., Atlantic Tractors and Equipment Ltd., Cavendish Farms, Ocean Choice PEI, Precision Mechanical Inc., McCain Foods Ltd.

Metal Fabricator (Fitter)

What does a Metal Fabricator do?

Metal Fabricators fabricate, assemble, fit and install steel or other metal components for a variety of structures such as buildings, bridges and tanks. They must study and work with engineering drawings and blueprints to determine the required materials and sequence of cuts. They work with various heavy-duty, metal-working machines such as brake presses, shears, cutting torches, grinders and drills.

What's in it for you?

Number of Jobs in this position on PEI: 40

What makes a successful Metal Fabricator?

Metal Fabricators must enjoy working with tools and heavy-equipment. They must be able to interpret and perform work based on engineering drawings and blueprints. Metal Fabricators should be self-motivated and enjoy working as a team to complete large projects.

How do I begin to train for this position?

Most Metal Fabricators complete apprenticeships. This position is Red Seal designated.

Where in PEI can I train to be a Metal Fabricator?

Holland College offers a 3-year 8-month Metal Fabricator diploma program.

Where in PEI can I work as a Metal Fabricator?

Diversified Metal Engineering Ltd., East Isle Shipyards Ltd., Prebilt Structures Ltd., MacDougall Steel, Summerside Industrial, Livingston Steel, Charlottetown Metal

Oil Burner Mechanic

What does an Oil Burner Mechanic do?

Oil Burner Mechanics install, repair and maintain all types of oil-fired appliances, equipment, components and systems such as oil-fired hot water heaters. They install, repair and maintain heating and ventilation systems, oil burner components and fuel supply systems. Oil Burner Mechanics also prepare cost and labour estimates for clients.

What makes a successful Oil Burner Mechanic?

Oil Burner Mechanics have good mechanical aptitude and problem-solving skills. Oil Burner Mechanics have strong communication skills and have the ability to explain the operation and maintenance of appliances and systems to customers.

How do I begin to train for this position?

Oil Burner Mechanics often learn the necessary skills through an apprenticeship program. This occupation is a Red Seal designated trade.

Where in PEI can I train to be an Oil Burner Mechanic?

Holland College offers a 1-year Oil Burner Mechanic certificate program. Oil Burner Mechanic apprenticeship training opportunities are available in PEI.

Where in PEI can I work as an Oil Burner Mechanic?

Robert Hill Oil Burner Services

Partsperson

What does a Partsperson do?

Partspersons perform ordering, warehousing, inventory control and sales duties for parts stores. They identify parts and equipment, search for parts, ship and receive parts, provide customer service, provide advice and maintain records. Partspersons may work with a broad range of part types or in a specialized area such as automotive, small engine, aeronautics, agricultural or marine.

What's in it for you?

Salary Range:

\$8.60 - \$18 per hour

What makes a successful Partsperson?

Partspersons should have strong organizational and customer service skills. They can effectively explain technical information to customers. Partspersons should have strong computer skills in order to do research, use online catalogues, databases and inventory control systems.

How do I begin to train for this position?

Partspersons often learn the necessary skills through an apprenticeship. This position is Red Seal designated.

Where in PEI can I train to be a Partsperson?

Partspersons often earn the necessary skills from their employer while working on-the-job. Apprenticeships for this occupation are available in PEI.

Where in PEI can I work as a Partsperson?

Atlantic Tractors and Equipment Ltd.,
Atlantic Turbines Inc., Bevan Brothers Ltd.,
BJ's Truck Centre, Canadian Tire, Capital
Honda, East Isle Shipyards Ltd., Kent
Building Supplies, Mermaid Marine
Products

Most automotive dealerships employ Partspersons.

Refrigeration and Air Conditioning Technician

What does a Refrigeration and Air Conditioning Technician do?

Refrigeration and Air Conditioning Technicians install, maintain and repair air conditioning, refrigeration and combined heating, ventilation and cooling systems. They work with a variety of hand and power tools to install and repair units in motors, controls, gauges, valves, pumps, condensers and compressors. They prepare estimates for parts and labour. Refrigeration and Air Conditioning Technicians must read and interpret blueprints when installing and repairing units.

What's in it for you?

Number of Jobs

in this position on PEI: 85

What makes a successful Refrigeration and Air Conditioning Technician?

Refrigeration and Air Conditioning Technicians must have good mechanical ability. They must have strong communication skills and enjoy working with people. Refrigeration and Air Conditioning Technicians often work in awkward and cramped positions and are required to do a great deal of heavy lifting. They enjoy working through challenges and have the ability to analyze information to locate and repair problems.

How do I begin to train for this position?

In PEI, Refrigeration and Air Conditioning Technicians are not required to hold certification. While certification is voluntary, it is still strongly recommended. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Refrigeration and Air Conditioning Technician?

Holland College offers a 2-year Heating, Ventilation, Air Conditioning Technology diploma program, a 1-year Oil Burner Mechanic certificate program and a 1-year Refrigeration and Air Conditioning Mechanic certificate program. Apprenticeships are available for Refrigeration and Air Conditioning Technicians in PEI.

Where in PEI can I work as a Refrigeration and Air Conditioning Technician?

Capital Electric & Refrigeration, Cavendish Farms, Jamieson Electric & Refrigeration Ltd., Palmer Electric Ltd., First Mechanical, Direct Energy

Sheet Metal Worker

What does a Sheet Metal Worker do?

Sheet Metal Workers fabricate, assemble, install and repair sheet metal goods. They read and interpret engineering and architectural designs and work specifications then lay out, measure and mark metal accordingly. Sheet Metal Workers operate computerized cutting equipment, shears, brakes, punches and drill presses to cut, bend, punch, drill, shape or straighten sheet metal. They inspect the quality of products and installation to make sure that all requirements are met.

What's in it for you?

Salary Range:

\$10 - \$22 per hour

Employment Rate:

The outlook for Sheet Metal Workers in PEI listed as good as growth is expected. Currently over 40% of PEI's Sheet Metal Workers are over the age of 50.

Number of Jobs

in this position on PEI: 60

What makes a successful Sheet Metal Worker?

Sheet Metal Workers must be very precise and have good hand-eye coordination and manual dexterity. Numerical and mechanical skills as well as the ability to use tools and equipment with accuracy are very important. Sheet Metal Workers must have the ability to follow routine procedures in individual and group work settings.

How do I begin to train for this position?

Many Sheet Metal Workers can gain the necessary experience and training through an apprenticeship. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Sheet Metal Worker?

Apprenticeships are available in PEI for Sheet Metal Workers. A 1-year Sheet Metal Fabrication certificate program is available at the New Brunswick Community College.

Where in PEI can I work as a Sheet Metal Worker?

Bevan Brothers Ltd., J&S Sheet Metal Ltd., MacIntyre Sheet Metal Ltd., Sherbrooke Mechanical Ltd.

Welder

What does a Welder do?

Welders operate welding equipment to perform a variety of tasks including metal fusing (welding), flame cutting, brazing, soldering and shaping. They analyze and interpret blueprints and welding specifications to determine which materials and procedures are appropriate for each job.

What's in it for you?

Salary Range:

\$10.30 - \$21.35 per hour

Employment Rate:

The employment rate for Welders is considered good especially for those holding a Certificate of Qualification.

Number of Jobs

in this position on PEI: 300

What makes a successful Welder?

Welders must have the ability to use tools and equipment with precision and detail. They should have good coordination and manual dexterity. Welders face a number of work-safe hazards such as working with explosive gases and in awkward positions and areas. They should be prepared to follow safety procedures and operating guidelines at all times.

How do I begin to train for this position?

Welders often attend a post-secondary institution and/or complete apprenticeship training to learn the skills required. When Welders have learned the fundamentals and gain experience in the industry, they often work to earn their Certificate of Qualification. This occupation is Red Seal designated in PEI.

Where in PEI can I train to be a Welder?

Holland College offers a 2-year 7-month Welding diploma program and a 3-year 8-month Metal Fabricator diploma program.

Where in PEI can I work as a Welder?

Acadian Machine Works, Atlantic Systems Manufacturing, Atlantic Turbines Inc., Bernard's Welding, Burke's Custom Metal Works Inc., Charlottetown Metal Products, Corcoran Farm Supply Ltd., Curran & Briggs Ltd., Diversified Metal Engineering Ltd., Drake Truck Bodies, Linkletter Welding, Reeves MFS, Atlantic Store Décor

Professional Engineering

Engineers apply science and math to solve problems creatively.

Without engineers, our modern way of life would not be very modern at all – no televisions, microwaves or computers; no sanitation systems, communication systems or water systems; and no planes, trains or automobiles.

From the clothes we wear to the houses we live in, engineering plays an important part in almost every facet of our lives.

Electrical Engineers design audio equipment such as CD players and communications equipment such as cellular phones. The rapid transit systems in our cities are constructed by Civil Engineers. Mechanical and Naval Architectural Engineers design deep sea submarines. Chemical Engineers develop fertilizer for our gardens and farms, and give us the colourful clothes we wear. There are dozens of other types of engineers who contribute to developing and maintaining the technology that supports our daily lives.

Engineering is an occupation that traces its roots to the beginning of recorded history. Engineers created the pyramids of Egypt and the network of roads and aqueducts of ancient Rome. The sailing ships that explored the four corners of the world were designed by engineers. In war times, Military Engineers built fortresses, roads and bridges.

As technology and science have advanced over the centuries, so have the branches of engineering. Now there are dozens of specialty areas in engineering – something for every interest. Some engineers search for new sources of energy, some design artificial limbs, while others work to protect our environment. Engineers design everything from toys to sophisticated medical diagnostic equipment. New specialty areas are emerging every day to meet the specific demands of industry.

Engineers are needed all over the world and, as global markets expand and many developing countries move toward industrialization, the demand for engineers will increase.

This document was originally published in APEGGA's "Engineering Your Future: A Career Planning Guide in Engineering"

Check out great PEI engineering employers at: www.EngineersPEI.com/links.asp

For up-to-date information on engineering salaries in PEI, please visit: www.EngineersPEI.com/publications.asp

Aerospace Engineer

What does an Aerospace Engineer do?

Aerospace Engineers research, design and produce aerospace vehicles, aerospace systems and their components including aircraft, spacecraft, missiles, satellites and space-based communication systems. They perform duties relating to the design, testing, evaluation, installation, operation and maintenance of aerospace vehicles, systems and components. Aerospace Engineers develop operational specifications, maintenance schedules and manuals for operators.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs

in this position on PEI: 10 - 15

What makes a successful Aerospace Engineer?

Aerospace Engineers enjoy problem solving and applying math and science to solve problems creatively. They enjoy finding new ways to design, construct and operate aerospace vehicles, systems and components. Aerospace Engineers are fascinated with the way things work and enjoy challenging existing methods to develop their own.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the

graduate must register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Aerospace Engineers require a bachelor's degree in aerospace engineering and their Professional Engineer status.

Where can I train to be an Aerospace Engineer?

Aerospace Engineers can choose from a variety of Canadian and international universities offering the appropriate engineering degree.

Chemical Engineer

What does a Chemical Engineer do?

Chemical Engineers research, design and develop chemical processes and equipment. They perform duties relating to chemical quality control, environmental protection and biochemical engineering. Chemical Engineers oversee the operation and maintenance of chemical, plastic, pharmaceutical, resource, pulp and food processing plants. They may also develop guidelines and specifications for the handling of dangerous chemicals, environmental protection, food, materials and consumer standards.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs

in this position on PEI: 10 - 15

What makes a successful Chemical Engineer?

Chemical Engineers must enjoy working with chemicals and exploring their uses, reactions and processes. They are proven leaders and possess a high level of knowledge and continual learning in their field. Chemical Engineers must be able to deal with a variety of tasks at one time and enjoy frequent challenges.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university.

Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Chemical Engineers require a bachelor's degree in chemical engineering and their Professional Engineer status.

Where in PEI can I train to be a Chemical Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University, Halifax and the University of New Brunswick, Fredericton. Other Canadian and international universities also offer engineering degree programs.

Civil Engineer

What does a Civil Engineer do?

Civil Engineers plan, design, develop and manage projects in the construction and repair of structures such as roads, buildings, tunnels, airports, railways, transit facilities, bridges, dams, ports and coastal systems. They work with systems relating to highway and transportation, water distribution and sanitation. Municipal engineering is a branch of civil engineering.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs in this position on PEI: 40 - 50

What makes a successful Civil Engineer?

Civil Engineers enjoy working in a capacity that is able to enhance and improve the safety and ease of daily tasks. They must have strong interpersonal skills as they frequently work with clients, governments, the general public, other stakeholders and other members of engineering and architectural teams. Civil Engineers are able to analyze data, review calculations, prepare cost estimates, prepare reports and studies and also manage projects. They should be creative and have the ability to think logically and solve problems.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering

discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Civil Engineers require a bachelor's degree in civil engineering and their Professional Engineer status.

Where in PEI can I train to be a Civil Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University, Halifax and the University of New Brunswick, Fredericton. Other Canadian and international universities also offer engineering degree programs.

Computer Engineer

What does a Computer Engineer do?

Computer Engineers research, plan, design, create, modify, evaluate and integrate computer and telecommunications hardware, information and communication system networks. They work closely with clients to analyze the clients' requirements and design and develop system specifications. Computer Engineers supervise, inspect and provide design support during the manufacturing, installation and implementation of hardware.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs in this position on PEI: 5 - 10

What makes a successful Computer Engineer?

Computer Engineers have excellent problem solving, analytical and math skills. They should also have strong technical, communication and coordination skills.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her

provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Computer Engineers require a bachelor's degree in computer engineering, electrical or electronics engineering and their Professional Engineer status.

Where in PEI can I train to be a Computer Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University, Halifax and the University of New Brunswick, Fredericton. Other Canadian and international universities also offer engineering degree programs.

Electrical Engineer

What does an Electrical Engineer do?

Electrical Engineers design, organize, research, evaluate and test electrical and electronic equipment and systems. They work with the production, transmission, distribution and application of electrical energy. Electrical Engineers create systems that control lighting, power, ventilation, heating and communications in buildings. They prepare contracts, cost estimates, studies and reports. They also issue and evaluate tenders and manage projects.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs

in this position on PEI: 20 - 30

What makes a successful Electrical Engineer?

Electrical Engineers should be creative problem-solvers that enjoy working with technology. They are life-long learners and enjoy keeping up with the latest trends and advances in their field.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her

provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Electrical Engineers require a bachelor's degree in engineering, and their Professional Engineer status.

Where in PEI can I train to be an Electrical Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University, Halifax and the University of New Brunswick, Fredericton. Other Canadian and international universities also offer engineering degree programs.

Environmental Engineer

What does an Environmental Engineer do?

Environmental Engineers design systems, processes and equipment for air, water and soil pollution assessment, prevention and control, solid and hazardous waste management and the remediation of contaminated sites. They assess the potential environmental impact of land use projects (pipelines, gravel pits) and manufacturing facilities (chemical plants) on air, water and land. They advise companies and governments about the clean up and/or maintenance required to protect the health of human beings, wildlife and the environment.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs

in this position on PEI: 10 - 15

What makes a successful Environmental Engineer?

Environmental Engineers have a special interest in the environment. They take pride in providing recommendations on how to minimize impact on the environment while finding a balance between development and preservation. Environmental Engineers are patient, organized and comfortable solving problems that, on occasion, require them to work with limited data. They have strong oral and written communication skills.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Environmental Engineers require a bachelor's degree in environmental engineering and their Professional Engineer status.

Where in PEI can I train to be an Environmental Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University, Halifax. Dalhousie University offers a degree in environmental engineering.

Geological and Geotechnical Engineers

What do Geological and Geotechnical Engineers do?

Geological and Geotechnical Engineers apply geological and geotechnical techniques and principles to the study of rock, soil and groundwater. They conduct geological and geotechnical studies to assess suitability of locations for buildings, dams, highways, airfields, pipelines, tunnels, mining and oil and gas projects. Geological and Geotechnical Engineers plan, design, develop and supervise programs that obtain data from geological and geotechnical sources. They analyze and prepare recommendations and reports on the settlement of buildings, stability of slopes, probable effects of landslides and groundwater flow contamination.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs

in this position on PEI: 10 - 15

What makes successful Geological and Geotechnical Engineers?

Geological and Geotechnical Engineers have a keen interest in the earth and its geological components. They enjoy the responsibility of providing recommendations on critical decisions that can affect the safety of many people.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Geological and Geotechnical Engineers require a bachelor's degree in engineering and their Professional Engineer status.

Where in PEI can I train to be a Geological or Geotechnical Engineer?

UPEI offers a 3-year diploma program leading to a degree at the University of New Brunswick, Fredericton. The University of New Brunswick offers a geological engineering degree.

Industrial and Manufacturing Engineers

What do Industrial and Manufacturing Engineers do?

Industrial and Manufacturing Engineers combine their expertise in equipment, material, procedures, human resources and production methods to assist organizations to improve efficiency, effectiveness and productivity. They are primarily focused on the management aspect of manufacturing and industrial processes. Industrial and Manufacturing Engineers plan and design facility layout, management, operations, production planning and logistics systems.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs

in this position on PEI: 5 - 10

What makes successful Industrial and Manufacturing Engineers?

Industrial and Manufacturing Engineers enjoy finding the most efficient way of completing tasks through careful study as well as trial and error. They must be able to work and understand the equipment side of manufacturing but also work and understand the human resource component of the process. Industrial and Manufacturing Engineers must be problem-solvers who naturally "think outside the box."

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering

discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Industrial and Manufacturing Engineers require a bachelor's degree in engineering and their Professional Engineer status.

Where in PEI can I train to be an Industrial or Manufacturing Engineer?

UPEI offers a 3-year diploma program leading to an industrial engineering degree at Dalhousie University. Industrial and Manufacturing Engineers can choose from a variety of Canadian and international universities offering the appropriate engineering degree programs.

Mechanical Engineer

What does a Mechanical Engineer do?

Mechanical Engineers apply mathematics, materials science, physics and economics to research, design and develop machinery and systems for heating, ventilation, air conditioning, power generation, transportation, processing and manufacturing. They develop maintenance standards, schedules and programs for industrial facilities. Mechanical Engineers prepare cost and timing estimates, reports and design specifications for machinery and a variety of systems. They may design, test and manufacture household appliances, heating systems, cars, ships and airplanes.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs

in this position on PEI: 20 - 30

What makes a successful Mechanical Engineer?

Mechanical Engineers must be able to think logically and creatively to solve problems. They should be able to visualize three-dimensional objects from two-dimensional drawings. Mechanical Engineers are able to think in mathematical and abstract terms to produce detailed and precise work.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university.

Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Mechanical Engineers require a bachelor's degree in mechanical engineering and their Professional Engineer status.

Where in PEI can I train to be a Mechanical Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University, Halifax and the University of New Brunswick, Fredericton. Other Canadian and international universities also offer engineering degree programs.

Structural Engineer

What does a Structural Engineer do?

Structural Engineers plan, design, develop, inspect and test load-bearing structures such as buildings, bridges, wharves, retaining walls, dams and tunnels. Structural Engineers may also be involved in the design of a variety of other human-made structures ranging from furniture to medical equipment to vehicles.

What's in it for you?

Salary Range:

Visit www.EngineersPEI.com and view the 2009 Salary Survey under the Publications link.

Number of Jobs

in this position on PEI: 10 - 15

What makes a successful Structural Engineer?

Structural Engineers are capable of managing a variety of complex projects simultaneously. They must enjoy doing precise work and have strong interpersonal skills. Structural Engineers are effective problem solvers who enjoy challenges.

How do I begin to train for this position?

The journey to becoming a professional engineer begins by completing a bachelor's degree in an engineering discipline at an accredited university. Some jobs may also require a master's or doctoral degree. Upon graduation, the graduate must register with his/her

provincial/territorial association. Those wanting to work in PEI must register with Engineers PEI. Once registered with the association, graduates become engineers-in-training and work under the supervision of a professional engineer for a minimum of four years in an acceptable job. After successful completion of this work experience, engineers-in-training are eligible to complete the professional practice exam. If the engineer-in-training passes the exam and his/her work experience is acceptable to the association's Engineering Qualifications Committee, he/she becomes a professional engineer.

Structural Engineers require a bachelor's degree in civil or structural engineering and their Professional Engineer status.

Where in PEI can I train to be a Structural Engineer?

UPEI offers a 3-year diploma program leading to a degree at Dalhousie University, Halifax and the University of New Brunswick, Fredericton. Other Canadian and international universities also offer engineering degree programs.

Seafood Processing

Seafood Processing is a long-standing industry in PEI with major growth over the past decade. PEI has gained an international reputation for high quality products, production methods, food safety and quality measures. Local processors have developed and continue to create innovative processing techniques and products that have resulted in a diverse product line for all tastes.

Seafood Processing is a major contributor to the PEI economy with over \$200 million in export revenues. PEI Seafood Processors Association members provide local markets for thousands of fishing operations and jobs for thousands more people in PEI. In Prince Edward Island, more than 2 500 people work in the Seafood Processing sector. The PEI Seafood Processors Association (PEISPA) employment office is eager to find and place workers in the industry.

The PEI Seafood Processors Association is a non-profit organization dedicated to providing advocacy, training and marketing support to Prince Edward Island's seafood processing sector.

Prince Edward Island
Seafood Processors Association
247 Mason Road
Stratford, PE C1B 2G1
Phone: 902-629-1392 or 902-629-1555
E-mail: jobs@peispa.com
Website: www.peispa.com

Forklift Operator

What does a Forklift Operator do?

Forklift Operators drive forklifts to perform various activities associated with seafood processing. These activities would include loading and unloading trucks and moving pallets, containers and equipment around the facility. Forklift Operator work both indoors and outdoors. Forklift Operators must ensure that loads are evenly, safely and securely moved and placed. They also service and do minor adjustment to forklifts.

What's in it for you?

Salary Range:

\$10 - \$12 per hour

Employment Rate:

Seafood Processing Forklift Operators are generally employed seasonally, although some work year round.

Number of Jobs

in this position on PEI: 75 - 100

What makes a successful Forklift Operator?

Forklift Operators have accurate hand-eye coordination and are able to judge distances. They must be aware of and follow safety precautions and regulations. Forklift Operators must have the ability to work effectively without supervision.

How do I begin to train for this position?

Prospective Forklift Operators may benefit from contacting plants to determine demand and to learn more about this career. Employers require their Forklift Operators to hold a valid Forklift Certificate.

Where in PEI can I train to be a Forklift Operator?

JVI Provincial Transportation and Safety Academy periodically offers 1-day Forklift Certificate training.

Where in PEI can I work as a Forklift Operator?

Forklift Operators may work at any of the 40 federally registered seafood processing plants or at the numerous other manufacturing sites in PEI.

Production Line Worker

What does a Production Line Worker do?

Production Line Workers work directly in the processing of seafoods. These activities include handling, storing, cutting, cooking, freezing, packaging and shipping seafood. Production Line Workers may work with various types of seafood including lobsters, mussels, oysters, mackerel, clams and crab. They may also set up and operate machines which clean, cook, cut, smoke or freeze seafood products. Production work in a plant might involve performing one activity all day, such as shucking lobster meat or performing many activities over the duration of a shift.

What's in it for you?

Salary Range:

\$8.50 - \$10.50 per hour

Employment Rate:

The employment outlook for this career is good. This is primarily a seasonal career but there are several year round plants.

Number of Jobs

in this position on PEI: 2 500

What makes a successful Production Line Worker?

Production Line Workers are hardworking individuals. They are committed to completing assigned tasks, even if it

requires standing for long periods of time or working full days and occasional overtime. They enjoy the challenge of performing repetitive tasks with consistent quality and efficiency. While conditions in a production plant may be damp and chilly, Production Line Workers can earn good money in a short period of time in an environment that is full of activity and camaraderie.

How do I begin to train for this position?

Employers usually provide on-the-job training.

Where in PEI can I train to be a Production Line Worker?

Employers in Prince Edward Island often hire Production Line Workers based on personal aptitude and teach them the necessary skills through on-the-job training programs.

Where in PEI can I work as a Production Line Worker?

Production Line Workers may work at any of the 40 federally registered seafood processing plants.

Production Supervisor

What does a Production Supervisor do?

Production Supervisors in the seafood processing industry oversee production lines for products such as mussels, oysters, lobsters and crabs. This can be a very challenging and interesting position that would include such responsibilities as production planning, production scheduling, cost control, inventory management, supervisory management, safety management, productivity improvement and maintenance management. Production Supervisors are generally in an upper management position and they may oversee numerous line managers. They may also provide a leadership role in ensuring that quality objectives are met.

What's in it for you?

Salary Range:

Salaries vary depending on size of plant and seasonality. Check with local plants for offered salaries.

Employment Rate:

Production Supervisors are generally employed seasonally, although some do work year round.

Number of Jobs

in this position on PEI: 50 - 100

What makes a successful Production Supervisor?

Production Supervisors are organized, detail-orientated and results-driven. They gain satisfaction from working in a very

hectic, challenging environment and meeting company objectives. They enjoy leading and supervising a production team to meet production deadlines and quotas. Production Supervisors have the ability to determine production costs and work effectively with others to gain results.

How do I begin to train for this position?

Production Supervisors are often promoted within the organization from entry level positions. Production Supervisors often learn the necessary skills while working on-the-job.

Where in PEI can I train to be a Production Supervisor?

Entry level courses are offered periodically by Holland College and the Prince Edward Island Seafood Processors Association.

Where in PEI can I work as a Production Supervisor?

Production Supervisors may work at any of the 40 federally registered seafood processing plants or at the numerous other manufacturing sites in PEI.

Quality Control Technician

What does a Quality Control Technician do?

Quality Control Technicians ensure that seafood processing operations meet the company, regulatory and marketplace requirements that are stated in their Quality Management Program. On a daily basis they evaluate the process and its products to ensure both the process and products meet all requirements. The requirements might include inspecting product weights, inspecting incoming seafoods and evaluating plant cleanliness.

What's in it for you?

Salary Range:

\$10 - \$12 per hour

Employment Rate:

Quality Control Technicians are generally employed seasonally, although some do work year round.

Number of Jobs

in this position on PEI: 100 - 120

What makes a successful Quality Control Technician?

Quality Control Technicians must be capable of working in a fast-paced environment while ensuring diligent attention to detail. All seafood plants are different. Though many present a wet and chilly environment, the work area is

one that is full of activity and camaraderie. Quality Control Technicians must have good communication, clerical, problem identification and problem solving skills. They must enjoy working as part of a team as well as independently. Quality Control Technicians must use creativity along with quality control skills to establish improved processes.

How do I begin to train for this position?

Quality Control Technicians are often promoted within the organization from entry level positions. They often learn the necessary skills while working on-the-job.

Where in PEI can I train to be a Quality Control Technician?

Entry level courses are periodically offered by the Prince Edward Island Seafood Processors Association.

Where in PEI can I work as a Quality Control Technician?

Quality Control Technicians may work at any of the 40 federally registered seafood processing plants or at the numerous other manufacturing sites in PEI.

Quality Manager

What does a Quality Manager do?

In the Seafood Processing Industry, Quality Managers ensure that the plant meets the requirements of the Fish Inspection Regulations, as well as the requirements of its owners, customers and the marketplace. They work with customers to establish product specifications, work with the Canadian Food Inspection Agency in the evaluation of and response to regulatory audits, supervise quality control staff in delivery of the quality system and react to problems as they occur. Quality Managers are part of the senior management team and ensure that the quality program is up-to-date and accurate.

What's in it for you?

Salary Range:

Salaries vary greatly depending on size of plant and seasonality. Check with local plants for offered salaries.

Employment Rate:

Quality Managers are generally employed seasonally, although some do work year round.

Number of Jobs

in this position on PEI: 25 - 30

What makes a successful Quality Manager?

Quality Control Managers are capable of working in a fast-paced environment while ensuring a diligent attention to details. They are effective technical writers with good computer skills. Quality

Managers are capable of working independently and multi-tasking most of the time. Managers have advanced communication, clerical, problem identification and problem solving skills. They are very good at using their technical skills to solve challenging problems.

How do I begin to train for this position?

Quality Managers can benefit from having a bachelor of science degree.

Where in PEI can I train to be a Quality Manager?

Although there is currently no post secondary training offered in PEI for Quality Managers, some plants hire bachelor of science graduates and train them. Quality Managers are sometimes promoted from within the organization from entry level positions. Entry level courses are periodically offered by the Prince Edward Island Seafood Processors Association.

Where in PEI can I work as a Quality Manager?

In PEI, Quality Managers may work at any of the 40 federally registered seafood processing plants, food processing plants, aerospace operations or manufacturing sites.

Sanitation Worker

What does a Sanitation Worker do?

Sanitation Workers are responsible for the cleaning and sanitizing of the processing area and all equipment used in the seafood processing operation. Sanitation Workers prepare cleaning and sanitizing chemicals and use various pieces of cleaning equipment to clean and prepare the processing operation. Since most of the sanitization work is done after the processing is complete, Sanitation Workers are expected to work outside of normal production hours.

What's in it for you?

Salary Range:

\$10 - \$12 per hour

Employment Rate:

The employment outlook for Sanitation Workers is good as companies consistently recruit workers.

Number of Jobs

in this position on PEI: 80 - 100

What makes a successful Sanitation Worker?

Sanitation Workers are self-motivated individuals who enjoy working independently. They are alert and demonstrate attention to details such as correct amounts of chemicals, safety procedures and plant conditions. Mechanical ability is an asset since they are frequently working with equipment that may need minor maintenance. Sanitation Workers take pride in their work and ensure that the plant is clean and sanitary for the next shift.

How do I begin to train for this position?

Sanitation Workers usually develop their skills on-the-job, while plants generally provide basic training and chemical supply companies provide advanced training. Each plant would use their own choice of government approved cleaning and sanitizing agents and would train their employees in the proper use of such products during a training period on-the-job.

Where in PEI can I train to be a Sanitation Worker?

Some entry level seminars are periodically offered by the Prince Edward Island Seafood Processors Association.

Where in PEI can I work as a Sanitation Worker?

Sanitation Workers are employed at most of the 40 seafood processing plants across PEI.

Truck Driver

What does a Truck Driver do?

Truck Drivers operate trucks to transport seafood and seafood products within regional areas of Prince Edward Island, as well as throughout Canada and the United States. Straight Truck Drivers often drive trucks with attached enclosed boxes, flat beds or bulk containers between seafood processors, wharves, distribution centers and buyers throughout Prince Edward Island. Tractor Trailer Drivers drive larger trucks designed to haul trailers throughout Canada and United States. Tractor Trailer Drivers often deliver processed seafood to buyers out-of-province. All Truck Drivers oversee the routine inspection of the truck as well as the loading, unloading and safety of its cargo. They keep accurate and up-to-date log books including cargo and truck information, as well as mileage and fuel consumption.

What's in it for you?

Salary Range:

Truck Drivers may be paid hourly or per kilometer traveled.

Employment Rate:

Truck Drivers are generally employed seasonally although some work year round.

Number of Jobs

in this position on PEI: 100 - 200

What makes a successful Truck Driver?

Truck Drivers are self-motivated individuals that enjoy working independently. They are alert and attentive to details, such as route details, safety procedures and road conditions. Mechanical ability would be a great asset for Truck Drivers in order to do minor repairs and understand the systems of the truck.

How do I begin to train for this position?

Truck Drivers are required to hold a valid driver's license relative to the size of truck they are operating. Straight Truck Drivers must hold a Straight Truck Class 3A license while Tractor Trailer Drivers must hold a Tractor Trailer Class 1A license. All Truck Drivers must also meet the vision and medical requirements established by the Provincial Highway Safety Department.

Where in PEI can I train to be a Truck Driver?

JVI Provincial Transportation and Safety Academy offers a variety of driver training courses.

Where in PEI can I work as a Truck Driver?

Truck Drivers may work at any of the 40 federally registered seafood processing plants or at a trucking company such as Seafood Express.

Tourism

Tourism is an exciting industry to work in with over 400 different career opportunities varying from part-time front line to full-time executive. Each year, there are 7 337 full-time equivalency* jobs generated directly from tourism in PEI. Individuals who enjoy working with people and seeing the results of their work through customer satisfaction will thrive in the Tourism Industry.

Tourism consists of five sectors:

- Accommodations – Hotels, bed and breakfasts and farm/ranch vacation sites, cottages, campgrounds
- Food and Beverage Services – Night-clubs, pubs, restaurants (fast service to fine dining)
- Travel Services – Travel agencies, tour operations, visitors' bureaus
- Transportation – Airlines, motor vehicles, sightseeing, taxicabs
- Recreation and Entertainment – Galleries, parks, sports, casinos, golf courses

There are many opportunities for career exploration and development in Tourism. An employee may start with an entry level/front-line job, move through to supervisor and manager and on to the executive level. With a positive attitude and openness to explore opportunities, the possibilities are endless.

Tourism enhances the quality of life of Prince Edward Islanders, supports our community festivals and enables Prince Edward Islanders to celebrate our pride of place. The 'ripple effect' of tourism activity touches almost all facets of the PEI economy - from arts and culture, entertainment and heritage to grocery stores, mechanics, service repair technicians and carpenters.

emerit training and certification is mentioned in a number of the Tourism career profiles. *emerit* tourism training products and programs are based on industry-defined standards and are available through the Tourism Industry Association of Prince Edward Island.

*Full-time equivalency – This amount is determined by adding all of the part-time and seasonal jobs together with full-time and year round jobs and then distributing those hours over the year. (E.g. Six people working 20 hours per week for four months would be one full-time equivalent position.)

Bartender

What does a Bartender do?

Bartenders (also called barkeepers) mix and pour alcoholic and non-alcoholic beverages for guests in bars, lounges, nightclubs and restaurants, on cruise ships and at licensed special events. Bartenders may serve the drinks they make or prepare them for servers to serve to customers.

What's in it for you?

Salary Range:

\$8.40 - \$9.40 per hour. Bartenders rely heavily on gratuities to support their hourly wage.

Employment Rate:

The employment outlook in PEI for Bartenders is good.

Number of Jobs

in this position on PEI: 160

What makes a successful Bartender?

Bartenders must be a minimum of 19 years of age to serve alcohol in PEI. They have strong skills in communication, customer service and time management. Bartenders must have knowledge of relevant laws, regulations, and the products they serve. Most Bartenders must handle cash as well as maintain and track inventory. Bartenders enjoy working with people and as part of a team.

How do I begin to train for this position?

Bartenders require Responsible Beverage Servers' certification and often require a bartending course. Courses in safe food handling, first aid and service excellence are assets, as is National Occupational Certification as a Bartender.

Where in PEI can I train to be a Bartender?

Holland College periodically offers a Responsible Beverage Server course, as well as a Basic Bartender course. *emerit* offers an in-depth training option and professional certification for bartending. Some employers will train employees in-house.

Where in PEI can I work as a Bartender?

Restaurants, pubs, lounges and golf courses employ Bartenders.

Chef

What does a Chef do?

Chefs plan, organize and direct kitchen operations, food preparations and cooking activities. They plan, prepare, order and cost all menu items. Chefs must manage an effective kitchen, create menu options, supervise staff and balance budgets.

What's in it for you?

Salary Range:

\$28 000 - \$40 000 per year (compensation can be considerably higher with Red Seal certification and experience)

Employment Rate:

The employment rate for Chefs in PEI is considered fair.

Number of Jobs

in this position on PEI: 90

What makes a successful Chef?

Chefs enjoy managing staff in a fast-paced dynamic environment. They work well under pressure and enjoy the challenge of managing a variety of different elements of the kitchen at one time. Chefs are leaders that enjoy supporting, training and motivating staff. They have strong customer-service, interpersonal, organizational and managerial skills.

How do I begin to train for this position?

Chefs must have post-secondary training. Advanced training, experience and Red Seal certification may be required for more senior Chef positions.

Where in PEI can I train to be a Chef?

Holland College's Culinary Institute of Canada offers a 2-year Culinary Arts diploma program.

Where in PEI can I work as a Chef?

Chefs may work in restaurants, hotels, resorts, private homes, hospitals, long-term care facilities and educational institutions such as the Culinary Institute of Canada.

Chefs may also be referred to as Cooks.

Food and Beverage Server

What does a Food and Beverage Server do?

Food and Beverage Servers work directly with customers to make the dining experience pleasurable. They answer questions and make recommendations regarding menu choices, clean and set tables, take food and beverage orders and handle bill payments. Food and Beverage Servers may also assist the kitchen by plating or decorating food and making mixed beverages. They may work in fine-dining, casual or quick-service restaurants, cafeterias, resorts, motels and hotels.

What's in it for you?

Salary Range:

\$8.40 per hour. Food and Beverage Servers rely heavily on gratuities to supplement their hourly wage.

Employment Rate:

The employment outlook in PEI for Food and Beverage Servers is good.

Number of Jobs in this position on PEI: 795

What makes a successful Food and Beverage Server?

Food and Beverage Servers enjoy the challenge of consistently working with the public. They have strong communication, interpersonal, self-management and organizational skills. Food and Beverage Servers are able to work both independently and as team players. They benefit from memorization and mathematical skills. Food and Beverage Servers thrive in fast-paced work environments.

How do I begin to train for this position?

Food and Beverage Servers often learn the necessary skills while working on-the-job. Food and Beverage Servers over the age of 19 are required to take a Responsible Food and Beverage Server course to handle alcohol.

Where in PEI can I train to be a Food and Beverage Server?

Holland College periodically offers Responsible Food and Beverage Server courses. *emerit* offers training and professional certification for Food and Beverage Servers. Many establishments further train their staff in-house.

Where in PEI can I work as a Food and Beverage Server?

Various restaurants and tourism establishments across the province employ Food and Beverage Servers.

Front Desk Attendant

What does a Front Desk Attendant do?

Front Desk Attendants are responsible for welcoming guests, checking guests in and out, taking payment and handling guest concerns and questions. Front Desk Attendants may also be responsible for assigning guestrooms, taking reservations and arranging guest activities.

What's in it for you?

Salary Range:

\$9 - \$11.92 per hour

Employment Rate:

Many Front Desk Attendants work seasonally from June to September.

Number of Jobs

in this position on PEI: 115

What makes a successful Front Desk Attendant?

Front Desk Attendants enjoy managing and interacting with visitors and co-workers. They have strong interpersonal, organization and communication skills. Front Desk Attendants are team players, as they work with a variety of different departments including housekeeping, food service and maintenance.

How do I begin to train for this position?

Front Desk Attendants may benefit from post-secondary training relating to the tourism industry although most employers provide on-the-job training.

Where in PEI can I train to be a Front Desk Attendant?

Holland College offers 2-year diploma programs in Tourism and Travel Management and Hotel and Restaurant Management. *emexit* offers training and professional certification for Front Desk Agents.

Where in PEI can I work as a Front Desk Attendant?

Accommodation providers such as motels, hotels, resorts and lodges employ Front Desk Attendants.

Golf Club General Manager

What does a Golf Club General Manager do?

Golf Club General Managers generally report to an owner or board of directors about all management functions, operating procedures, practices and financial management and results of a golf club. This would include overseeing budget development, payroll management, retail and food and beverage outlet operation, turf management, maintenance and facility repair operations and reporting procedures, for example. As is the case with any management position, the role is varied and complex.

What's in it for you?

Salary Range:

\$40 000 - \$70 000 Earnings vary considerably based on the size, number, and caliber of golf course and may fluctuate with bonuses and profit sharing.

What makes a successful Golf Club General Manager?

Golf Club General Managers have an interest in golf. They are able to work under pressure, meet deadlines, communicate well and be a leader for staff while ensuring excellent customer service and being fiscally responsible.

How do I begin to train for this position?

Golf Club General Managers often have a post-secondary diploma with management and supervisory experience. They benefit from having experience in business management including revenue generation, marketing, human resources and overall fiscal responsibility.

Where in PEI can I train to be a Golf Club General Manager?

Holland College offers a 2-year diploma program in Golf Course Management which can be advanced with an additional year of study in the CPGA endorsed Professional Golf Management program. UPEI and Holland College have an articulation agreement for a joint bachelor of applied business administration in tourism and hospitality and a bachelor's of arts degree. emerit offers certification training for Golf Club Manager.

Where in PEI can I work as a Golf Club General Manager?

PEI has some of the best golf courses in Canada. Most of the current 32 courses on PEI are owned privately and range from 9 to 36 holes.

Heritage Interpreter

What does a Heritage Interpreter do?

Heritage Interpreters help others understand and appreciate cultural or natural heritage. They understand and share their interest and knowledge about subjects such as historical events, disasters, influential individuals, artifacts, inventions and environmental changes with others. They develop and deliver educational or cultural programs, sometimes using audio/visual equipment, while adapting to different learning styles and participant needs. Varying audiences make this position interesting and stimulating.

What's in it for you?

Employment Rate:

The employment outlook in PEI for Heritage Interpreters is limited.

What makes a successful Heritage Interpreter?

Heritage Interpreters enjoy sharing information with others. They have strong public speaking, communication and leadership skills. Heritage Interpreters have an interest in and knowledge of related natural or cultural heritage, regional history and tourism in general.

How do I begin to train for this position?

Heritage Interpreters may benefit from holding a degree or diploma in history, anthropology, sociology, tourism and/or ecotourism. They would also benefit from having National Occupational Certification as a Heritage Interpreter. Information specific to the attraction or area is usually available through the employer. Knowledge of a second language is an asset.

Where in PEI can I train to be a Heritage Interpreter?

UPEI offers courses through the Institute of Island Studies in addition to their History Department offerings. Holland College offers a 2-year Tourism and Travel Management diploma program. *emerit* offers a Heritage Interpreter course for professional certification.

Where in PEI can I work as a Heritage Interpreter?

Parks, museums, and interpretive centres employ Heritage Interpreters.

Housekeeping Room Attendant

What does a Housekeeping Room Attendant do?

Housekeeping Room Attendants clean, prepare and organize guestrooms. They make beds, sweep, wash, vacuum and polish floors, clean and disinfect toilets and bathtubs and wipe and polish kitchen and bathroom fixtures. Housekeeping Room Attendants may also be responsible for cleaning public areas such as lobbies and common rooms.

What's in it for you?

Salary Range:

\$8.69 - \$11.90 per hour

Employment Rate:

The employment outlook for Housekeeping Room Attendants is good.

What makes a successful Housekeeping Room Attendant?

Housekeeping Room Attendants are independent, self-motivated and take pride in their work. They are able to complete repetitive duties with consistent quality. Housekeeping Room Attendants must be in good physical condition and able to lift moderately-heavy objects.

How do I begin to train for this position?

Most employers provide on-the-job training.

Where in PEI can I train to be a Housekeeping Room Attendant?

emerit offers professional certification through the Housekeeping Room Attendant program.

Where in PEI can I work as a Housekeeping Room Attendant?

Hotels, motels, inns, bed and breakfasts, cottages, resorts and lodges employ Housekeeping Room Attendants.

Line Cook

What does a Line Cook do?

Line Cooks prepare, handle, cook and serve food. They clean and help maintain an efficient kitchen. Under the direction of a head chef or supervisor, Line Cooks may also be involved in ordering food, managing food costs and creating menus. They may oversee and provide guidance to kitchen helpers. Line Cooks can advance to management-level Chefs through additional training and education.

What's in it for you?

Salary Range:

\$9.10 - \$13 per hour

Employment Rate:

The employment outlook for Line Cooks is good. Some Line Cooks work seasonally from June to September.

Number of Jobs

in this position on PEI: 690

What makes a successful Line Cook?

Line Cooks enjoy working as a team in a fast-paced environment. They enjoy cooking and preparing food with creativity, dedication and pride. Line Cooks have strong organizational, communication and multi-tasking skills. They also have the ability to memorize many minor details such as meal ingredients.

How do I begin to train for this position?

Many Line Cooks obtain the necessary skills while working on-the-job.

Where in PEI can I train to be a Line Cook?

Periodically, the Tourism Industry Association of PEI, in conjunction with local restaurant owners, offers Line Cook training courses. *emexit* offers professional certification for Line Cooks.

Where in PEI can I work as a Line Cook?

Line Cooks are employed in various dining and tourism establishments across PEI.

Motor Coach Driver

What does a Motor Coach Driver do?

Motor Coach Drivers operate sightseeing or tour buses and transport passengers locally or over long distances. They provide for the needs of passengers to ensure that they have a safe and enjoyable trip. Motor Coach Drivers make routine checks of the coach, greet customers, confirm destinations, take tickets, record transactions, update trip log, and provide information on events, attractions, and fairs. They may also provide tour commentary.

Similar occupations include supervisors and inspectors of Motor Coach Drivers, Transit Operators and Taxicab Drivers.

What's in it for you?

Salary Range:

\$12 - \$15 per hour

Employment Rate:

Many Motor Coach Drivers work seasonally from May to November.

What makes a successful Motor Coach Driver?

Motor Coach Drivers have excellent driving records and are able to transport customers safely. They enjoy interacting, helping and sharing knowledge with visitors. They have strong interpersonal, organization and communication skills and work well with strict timelines.

How do I begin to train for this position?

Motor Coach Drivers require a Class 2A driver's license which entitles them to operate buses carrying more than 24 passengers. They may also hold a Class 4 driver's license for buses and vans carrying fewer than 24 passengers. Training in first aid, defensive driving, basic auto mechanics and customer service is an asset. Familiarization of PEI attractions and areas is also important.

Where in PEI can I train to be a Motor Coach Driver?

JVI Provincial Transportation and Safety Academy offers a 3-week Class 2A Driver Training course.

Where in PEI can I work as a Motor Coach Driver?

Tour companies employ Motor Coach Drivers.

Retail Sales Associate

What does a Retail Sales Associate do?

Retail Sales Associates sell or rent a variety of goods and services in stores and other retail businesses. Their main tasks involve customer service and handling cash, but other duties include displaying merchandise, handling returns and generally ensuring that their work area is tidy and organized.

What's in it for you?

Salary Range:

\$9.43 per hour (average). Retail Sales Associates may also earn commission.

Employment Rate:

The employment outlook for Retail Sales Associates and Sales Clerks in PEI is good.

Number of Jobs

in this position on PEI: 2 245

What makes a successful Retail Sales Associate?

Cash handling experience including performing calculations quickly and accurately is required for Retail Sales Associates. Effective communication skills, as well as professional attitude and appearance are also important. Customer service skills including patience, courtesy and tactfulness are fundamental to this position. Inventory management and the ability to create displays are useful.

How do I begin to train for this position?

Most Retail Sales Associates' training is on-the-job.

Where in PEI can I train to be a Retail Sales Associate?

Holland College offers a 1-year Retail Management diploma program. *emerit* training offers Retail Sales Associate training.

Where in PEI can I work as a Retail Sales Associate?

Retail stores, wholesale stores, rental services, as well as transportation and accommodations businesses employ Retail Sales Associates.

Sales Manager

What does a Sales Manager do?

Sales Managers (may include Sales, Marketing and Advertising Managers) work with the marketing and sales program of a business by selling products and services. They identify and solicit new clients or target groups, prepare sales reports and track activities, estimate or quote prices, credit terms, warranties and delivery dates. Sales Managers prepare sales contracts, process orders and make delivery arrangements. They may help set directions or guidelines and assign or review the work of others. Sales Managers organize and conduct sales campaigns and participate in trade shows or other promotions.

What's in it for you?

Salary Range:

\$12 - \$25 per hour. Sales Managers' income may be based on commissions and bonuses.

Employment Rate:

The employment outlook in PEI for Sales Managers is good.

Number of Jobs

in this position on PEI: 270

What makes a successful Sales Manager?

Sales Managers have strong communication, self-management and organizational skills. They are able to work independently with minimal supervision and have a thorough understanding of the products and services being sold, as well as the region and clientele. Individuals who enjoy this type of work are goal-oriented and self-motivated.

How do I begin to train for this position?

Sales Managers often have a college diploma or university degree in business, tourism or marketing.

Where in PEI can I train to be a Sales Manager?

Holland College offers 2-year programs in accounting technology, business administration and retail business management. UPEI and Holland College offer a joint bachelor of applied business administration in tourism and hospitality. *emerit* offers training to become a professionally certified Sales Manager.

Where in PEI can I work as a Sales Manager?

Sales Managers are employed by commercial, industrial and wholesale establishments, marketing and public relations consulting companies and by government departments.

Taxicab and Limousine Driver

What does a Taxicab and Limousine Driver do?

Taxicab and Limousine Drivers have extensive and detailed knowledge of the area in which they drive. They greet and assist customers in and out of the vehicle, stow luggage, drive passengers to requested destinations, practice defensive driving, and provide information on local attractions and events. Taxicab and Limousine Drivers also handle customer complaints or difficult passengers, process payments, record transactions and communicate with the dispatcher.

What's in it for you?

Salary Range:

\$8.40 - \$9 per hour or may be based on commission only. Taxicab and Limousine Drivers' hourly wages are also supported by gratuities.

Number of Jobs

in this position on PEI: 95

What makes a successful Taxicab and Limousine Driver?

Taxicab and Limousine Drivers work well independently and as part of a team to provide good customer service. They must have and maintain an excellent driving record and are able to transport customers safely via the most direct and/or practical route possible.

How do I begin to train for this position?

Taxicab and Limousine Drivers require a Class 4 driver's license and a municipal permit to solicit business within the Charlottetown area. A minimum of one year of safe driving experience is usually required. Familiarization with PEI attractions and areas is also important.

Where in PEI can I train to be a Taxicab and Limousine Driver?

Taxicab and Limousine Drivers require a Class 4 Driver's License which can be obtained at Access PEI Centres where driver tests are offered. A physical exam performed by a licensed medical professional is also required for a Class 4 Driver's License. *emerit* offers training for the professional designation of Taxicab and Limousine Driver.

Where in PEI can I work as a Taxicab and Limousine Driver?

Taxicab and Limousine Drivers are employed by taxicab and limousine companies or work as independent drivers.

Tour Guide

What does a Tour Guide do?

Tour Guides accompany passengers, individuals or groups on short, day or multi-day trips, sightseeing tours, outdoor adventures or visits to attractions. They provide information, deliver commentary, answer questions and ensure the itinerary is met. Tour Guides may develop tours or may be hired to deliver ready-made tours. Specific types of guides include Tour Guides, Outdoor Adventure Guides, Freshwater Angling Guides, Hunting Guides, and Motor Coach Tour Guides.

What's in it for you?

Employment Rate:

The employment outlook for Tour Guides in PEI is limited.

Number of Jobs in this position on PEI:

In the general category of Tour and Travel Guides there are approximately 48 people employed in PEI.

What makes a successful Tour Guide?

The ability to get along and work well with others is required for Tour Guides as are skills in organization, leadership, communication and instruction. Outdoor Adventure Guides may also require physical ability, knowledge of outdoor cooking and equipment maintenance/repair skills. Tour Guides usually have knowledge of the tour subject such as the area and attractions (e.g. local communities, events and environmental highlights).

How do I begin to train for this position?

Many Tour Guide positions require training in standard first aid and cardio-pulmonary resuscitation (CPR). Knowledge of relevant laws and safety and emergency procedures may also be important, depending on the type of guiding.

Where in PEI can I train to be a Tour Guide?

emeriit offers training for the professional designation of Tour Guides.

Where in PEI can I work as a Tour Guide?

Tour Guides work for adventure tourism companies, resorts, parks, lodges, campgrounds and motor coach tour operations.

Travel Consultant

What does a Travel Consultant do?

Travel Consultants advise clients on travel options and tour packages, make bookings and reservations, prepare tickets and receive payment. They research and analyze travel destinations, new accommodations and economic comparisons. In addition to salaries, Travel Consultants also may be offered commissions and travel benefits, including discounts on travel and free travel.

What's in it for you?

Salary Range:

\$24 950 - \$35 404 per year.

Travel Consultants earn commissions, bonuses or other benefits.

Employment Rate:

The employment outlook on PEI for Travel Consultants is fair. Approximately 60% of PEI's Travel Consultants are employed on a year-round basis.

Number of Jobs in this position on PEI: 50

What makes a successful Travel Consultant?

Travel Consultants are enthusiastic about travel, have strong communication, interpersonal, self-management, research and organizational skills and enjoy working with the public in fast-paced work environments. Travel Consultants are able to work both independently and as team players. They also benefit from memorization and mathematical skills. Travel Consultants generally have an aptitude for selling and an ability to work under pressure.

How do I begin to train for this position?

Travel Consultants often learn the necessary skills while working on-the-job. However, since desired skills include research, payment transaction, organization and time management experience in sales, marketing and computers would also be beneficial.

Where in PEI can I train to be a Travel Consultant?

Holland College offers a 2-year Tourism and Travel Management diploma program. emerit offers a training program for Travel Consultants that is recognized nationally.

Where in PEI can I work as a Travel Consultant?

Travel Consultants are employed at retail travel agencies, wholesale tour companies, and corporate offices that have enough business travel to warrant their own booking divisions.

Alternative job titles include Travel Agent and Travel Counsellor.

Similar occupations include Airline Ticket Agents, Convention Coordinators, Travel Agency Managers and Tour and Travel Guides.

Visitor Information Counsellor

What does a Visitor Information Counsellor do?

Visitor Information Counsellors are an important link between visitors and service providers. They typically work at visitor information centers and provide answers to questions about the area, history, attractions and weather. They distribute promotional materials, promote tourism products and encourage new and return visits. They may also gather information and perform administrative tasks. Much of their time is spent talking to guests.

What's in it for you?

Salary Range:

\$8.50 - \$13.75 per hour

What makes a successful Visitor Information Counsellor?

Visitor Information Counsellors enjoy working with people, sharing their knowledge of the area including history, attractions, events and services. They have excellent communication and customer service skills. Other useful skills are in the areas of recording visitor statistics, sales and time management.

How do I begin to train for this position?

Visitor Information Counsellors usually learn the necessary skills through on-the-job training. Knowledge of the local area and a second language can be helpful.

Where in PEI can I train to be a Visitor Information Counsellor?

The Tourism Industry Association of PEI periodically offers familiarization tours where individuals travel across PEI to become familiar with tourism businesses, attractions, communities and events. *emerit* offers a training program and professional certification for Tourism Visitor Information Counsellors that is recognized nationally. A great resource for learning about PEI's tourism businesses, services, and related products is the Department of Tourism's annual *Island Guide* and www.tourismpei.com.

Where in PEI can I work as a Visitor Information Counsellor?

National and/or provincial parks, visitor information centres, industry associations, heritage attractions and special events employ Visitor Information Counsellors.

Truck Transportation

Every day over 400 000 women and men across Canada work together to ensure that our country's freight is picked up and delivered in a timely and efficient manner. Trucks move 90% of all consumer products and foodstuffs within Canada and almost two thirds, by value, of our trade with the United States.

In 2007, it was conservatively estimated that over 950 people were employed in Prince Edward Island's Truck Transportation Industry. This high demand for workers is leaving many companies struggling to fill all positions. In Prince Edward Island alone, up to 380 positions need to be filled in the next 4 years to keep up with industry growth.

Currently, the high demand occupations are Tractor Trailer Drivers and Truck and Transport Mechanics, but Trucking is a large and complex industry that also requires individuals to work in operations, maintenance, administration and management.

For more information on this thriving industry, contact the PEI Trucking Sector Council at 902-566-5563 or online at www.peitsc.ca.

Dispatcher

What does a Dispatcher do?

Dispatchers are master schedulers. They are responsible for co-coordinating loads, pick-up and delivery times, drivers and equipment. Equipment could be anything from small pick-up and delivery trucks, to a full tractor-trailer combination. In each case, the dispatcher must ensure that the trailer is suitable for loading and carrying the load. Dispatchers make sure that drivers have enough time to get the load to its destination, and that all the necessary licensing and endorsement requirements are met.

What's in it for you?

Salary Range:

\$35 000 - \$45 000 per year

What makes a successful Dispatcher?

Dispatchers make critical decisions about operations. They play an extremely important role in making sure that a trucking company is efficient and effective. To an extent, they also supervise Drivers. Therefore, strong communication skills are essential. Dispatchers need solid organizational and decision-making skills. Strong computer skills are also an asset.

How do I begin to train for this position?

Dispatchers can gain most of their knowledge from the employer while on the job. However, a general knowledge of the industry and North American geography would be excellent assets.

Where can I train to be a Dispatcher?

Transportation management programs are offered at New Brunswick Community College and would make an excellent base for entry into this position.

Where in PEI can I work as a Dispatcher?

Dispatchers are employed by trucking companies, emergency service agencies, delivery and courier services and other commercial and industrial establishments.

Fleet Maintenance Manager

What does a Fleet Maintenance Manager do?

Fleet Maintenance Managers are responsible for keeping the fleet of company vehicles in excellent working condition. They are often responsible for developing and implementing preventative maintenance programs that help to ensure that trucks and trailers do not need to be taken out of service during important times.

Other responsibilities include creating and adhering to annual budgets, as well as managing the parts department budget and shop floor personnel. In addition, Fleet Maintenance Managers provide advice on decisions regarding the purchase, rental or lease of new equipment and the sale of existing equipment.

What's in it for you?

Salary Range:

\$40 000 - \$50 000 per year

What makes a successful Fleet Maintenance Manager?

Fleet Maintenance Managers are usually skilled technicians with solid working knowledge of both commercial vehicle repair and maintenance, as well as the overall corporate operation. Effective communication, leadership, organizational, planning and computer skills are

required in addition to technical skills in one or more vehicle maintenance trades such as Truck and Transport Mechanic. Successful Fleet Maintenance Managers have excellent problem solving skills, as well as a great ability to multi-task. Fleet Maintenance Managers take pride in their work, with strong attention to detail and concern for safety.

How do I begin to train for this position?

Most Fleet Maintenance Managers have moved into this position from the shop floor, after progressing through the ranks and having worked in other maintenance positions. It is also possible to become a Fleet Maintenance Manager immediately following graduation from university. To find out more information on training, please talk to a local company about their requirements.

Where in PEI can I work as a Fleet Maintenance Manager?

Fleet Maintenance Managers can be employed by maintenance repair shops, transportation companies, municipalities, provincial government and utility companies.

Safety and Loss Prevention Specialist

What does a Safety and Loss Prevention Specialist do?

Safety and Loss Prevention Specialists manage the safety and compliance activities for companies that transport commercial goods (called "carriers"). They monitor, promote and enforce company and regulatory policies by managing programs linked to safety, loss prevention and control, human resources and inspection.

Accurate record keeping is the most important and time consuming part of the Safety and Loss Prevention Specialist's job. Carriers may have to undergo facility audits. During these audits, training, maintenance and vehicle and driver operating and qualification records are checked to ensure compliance and accuracy. Other duties of Safety and Loss Prevention Specialists include checking logbooks for hours of service, checking maintenance records or taking part in accident/incident investigations.

Not all carriers use the same job titles. Similar job titles used to describe the role of the Safety and Loss Prevention Specialist include:

- Transportation Safety Professional
- Fleet Safety Director
- Manager, Loss Prevention and Control
- Manager, Safety and Compliance
- Director, Human Resources and Loss Prevention

What's in it for you?

Salary Range:

\$40 000 - \$50 000 per year

What makes a successful Safety and Loss Prevention Specialist?

Successful Safety and Loss Prevention Specialists will be able to identify and resolve safety and compliance issues.

They are usually experienced operations personnel with truck-driving backgrounds. In some cases, particularly with smaller companies, they may still be truck driving part-time. They must have a solid understanding of the safety rules that regulate the trucking industry (federal, provincial and/or international). Safety and Loss Prevention Specialists require excellent communication, organizational and computer skills.

How do I begin to train for this position?

No specific academic/education level is required for the Safety and Loss Prevention Specialists position, but excellence in written reporting, record and statistics keeping as well as statistic manipulation is required. Most Safety and Loss Prevention Specialists, at a minimum, have a high school diploma. Most, if not all, training occurs on-the-job. Transportation Management programs are offered at New Brunswick Community College and would make an excellent base for entry into this position.

Where in PEI can I work as a Safety and Loss Prevention Specialist?

Safety and Loss Prevention Specialists are primarily employed in the Truck Transportation Sector but can also be employed by in the Manufacturing Sector and the Public Sector.

Straight Truck Driver (3A License)

What does a Straight Truck Driver do?

Straight Truck Drivers operate trucks that weigh over 4 600 kilograms and usually have an attached enclosed box, flat bed, dump bed or bulk container. Straight Truck Drivers make short-haul trips. They usually leave their work terminal early in the morning, setting out to make a series of deliveries and pick-ups that are usually within a half a day's drive. Most often their driving will be contained within the province and short haul deliveries. They may also be required to load and unload their vehicle.

What's in it for you?

Salary Range:

\$11.30 - \$16.50 per hour

Employment Rate:

In PEI, the employment outlook for Straight Truck Drivers is good, as there is great demand for these Drivers in the Agriculture Industry.

What makes a successful Straight Truck Driver?

In some instances, Straight Truck Drivers may be responsible for loading and unloading their trucks, so a reasonable level of physical fitness is required. In addition, customer service skills, mechanical skills and computer skills are useful.

How do I begin to train for this position?

Provincial licensing requirements include a minimum age of 18 years for straight truck (Class 3) licenses. All Truck Drivers must also meet the vision and medical requirements established by the Provincial Highway Safety Department.

Where in PEI can I train to be a Straight Truck Driver?

Commercial driver training is offered through private colleges. The two private training colleges registered to offer truck driver training in the Atlantic region are JVI Provincial Transportation and Safety Academy in Slement Park, PEI and Commercial Safety College in Masstown, Nova Scotia.

Where in PEI can I work as a Straight Truck Driver?

Straight Truck Drivers can work in the Truck Transportation, Manufacturing, Forestry, Construction and Agricultural Industries in PEI.

Tractor Trailer Driver (1A License)

What does a Tractor Trailer Driver do?

Tractor Trailer Drivers operate heavy trucks that haul trailers. They transport their goods from location to location. In some instances, Tractor Trailer Drivers may transport goods within the province (short-haul), but more often they will haul their goods inter-provincially and internationally (long-haul). Long-haul Tractor Trailer Drivers may be involved in loading and unloading vehicles and other duties, including customer relations and business development.

What's in it for you?

Salary Range:

\$35 000 - \$60 000 per year. (*2007 labour market research indicated that 90% of long-haul Tractor Trailer Drivers earn over \$700/wk and 53% of short-haul Tractor Trailer Drivers earn over \$700/wk.)

Employment Rate:

In PEI, the outlook for Tractor Trailer Drivers, especially long-haul Drivers, is good. With 67% of trucking employers predicting growth in the next 5 years, there is a high level of job security in this occupation.

What makes a successful Tractor Trailer Driver?

Tractor Trailer Drivers are well organized and skilled in trip and route planning. They are unsupervised during much of their work so they must be responsible and able to work independently. Long-haul Tractor Trailer Drivers must be familiar with United States and Canada customs and border-crossing requirements and procedures.

How do I begin to train for this position?

Provincial licensing requirements include a minimum age of 18 years for tractor trailer (Class 1) licenses. All Truck Drivers must also meet the vision and medical requirements established by the Provincial Highway Safety Department. Drivers seeking employment with Canadian companies that transport goods into the United States must be at least 21 years of age.

Where in PEI can I train to be a Tractor Trailer Driver?

Commercial driver training is offered through private colleges. The 2 private training colleges registered to offer truck driver training in the Atlantic region are JVI Provincial Transportation and Safety Academy in Slemmon Park, PEI and Commercial Safety College in Masstown, Nova Scotia.

Where in PEI can I work as a Tractor Trailer Driver?

Tractor Trailer Drivers can work in the Truck Transportation, Manufacturing, Forestry, Construction and Agricultural Industries in PEI.

Truck and Transport Mechanic

What does a Truck and Transport Mechanic do?

Certified Truck and Transport Mechanics are responsible for repairing and maintaining all types of commercial trucks and truck-tractors. They ensure that the equipment is safe and in good working order. This is vital for the safety of co-workers and the public. As well, the company's profitability depends on the Truck and Transport Mechanics' abilities to keep things operating safely. Only Red Seal Certified Truck and Transport Mechanics can inspect, test, diagnose and repair truck and truck-tractor engines and other key operating systems such as power trains, transmissions, braking systems as well as fuel and electrical systems.

What's in it for you?

Salary Range:

\$30 000 - \$40 000 per year

Employment Rate:

In PEI, the demand for Truck and Transport Mechanics is high, especially for Red Seal Certified Truck and Transport Mechanics.

What makes a successful Truck and Transport Mechanic?

Successful Truck and Transport Mechanics enjoy finding and facing new challenges. They enjoy working with their hands and have good mechanical skills. Truck and Transport Mechanics must be

detail-oriented to ensure that repairs are done correctly. Trucks are becoming more technologically advanced and are complex and sophisticated. Computers play an important role in allowing Truck and Transport Mechanics to diagnose and troubleshoot truck and equipment problems. To succeed in this career, it is important to have good computer skills and a solid understanding of technology.

How do I begin to train for this position?

Truck and Transport Mechanics gain the necessary skills and experience through apprenticeship training. This trade is Red Seal designated.

Where can I train to be a Truck and Transport Mechanic?

Currently, Truck and Transport Mechanic training is offered at the New Brunswick Community College and the Nova Scotia Community College.

Where in PEI can I work as a Truck and Transport Mechanic?

Truck and Transport Mechanics are employed in the Truck Transportation, Manufacturing, Fisheries, Agricultural, Construction and Aerospace Industries.

Current Interests and Abilities

Potential Careers that Match Current Interests and Abilities

Notes



An Initiative of PEI Population Secretariat