



Occupational Career Fact Sheets

Nova Scotia Health

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Biomedical Engineering Technologist

JOB DESCRIPTION	<ul style="list-style-type: none"> • A health profession in which technologists are involved in the repair, calibration, installation and safety and performance inspections on patient care equipment and systems • The technologist is active in equipment management, incident investigation, device development and patient safety initiatives • The technologist performs corrective maintenance and repairs on designated equipment, including troubleshooting and testing and may include component level repair. Proficiency in computer systems and networks is also a requirement.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Diploma with five grade 12 advanced or academic courses including English and Mathematics, and two sciences (Physics is recommended)
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • Overall average of at least 60% • These grades may vary based on the time of application into the University or College
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • Cape Breton University, Sydney, NS • Memorial University, St. John's, NL
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • 3-year co-op program • 2-year fast track program available at CBU
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$55,800 - \$56,800
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Some universities allow for credits of previous courses for mature students so check the Academic Calendars of these universities for details.



Psychologist

JOB DESCRIPTION	<ul style="list-style-type: none"> • A specialist who provides Individual, group and family psychotherapy • Provides assessment, diagnosis and treatment of emotional, behavioral, and mental health disorders; and acts as a consultant to other service providers • Neuropsychological, psycho-educational, personality and forensic assessment.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Diploma • University preparatory courses • Required courses depend on whether individual plans to pursue a Bachelor of Arts or Bachelor of Sciences Degree in University.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • High school average of at least 70% required for initial University acceptance • However, acceptance into post graduate training (Ph.D., Psy.D., M.Sc.) is very competitive and will require high academic standing throughout undergraduate study.
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> • Master's degree in psychology is the minimum educational requirement to begin practice as a clinical psychologist in Nova Scotia • Some other provinces and most US states require training at the Doctoral level (Ph.D., Psy.D.) • Registration also requires completion of clinical internships, supervised clinical practice, completion of a standardized licensing exam and an oral examination by the Nova Scotia board of Examiners in Psychology.
TRAINING PROGRAMS	<ul style="list-style-type: none"> • Individuals should only seek graduate training programs accredited by the Canadian Psychological Association.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • Dalhousie University, Halifax, NS • Memorial University, St. Johns, NF.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • Completion of the undergraduate (B.Sc., B.A.) typically takes 4 years, Masters Degree takes an additional 2 years • Completion of doctoral training (Ph.D. or Psy.D.) typically requires an additional 4-6 years • Individuals with master's degrees require 4 years of supervised clinical practice following their degree before becoming eligible for independent practice • Individuals with a doctorate require one year of supervised clinical practice following their degree before becoming eligible for independent practice.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Masters Degree \$70,000 • PhD \$95,000
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Internship • 1600 hours of clinical practice • Licensing examination.



Social Worker

JOB DESCRIPTION	<ul style="list-style-type: none"> To provide a clinical counseling service to patients and their families dealing with the psychosocial implications of illness To promote optimal social functioning and to enable patients and families to utilize health care services to achieve their optimum level of health To develop and implement social work programs.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> High School Diploma Academic 12 Courses.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> A minimum average of 75% These grades may vary based on the time of application into the University or College
POST SECONDARY EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> Enrollment is normally limited to a specified number of places that are offered to the best-qualified candidates selected by an admission process (usually of the particular school of social work) At Dalhousie University most students have a Degree on entry with the required cumulative grade point average, and normally require 10 credits to complete the BSW Degree Masters Degree from an accredited school of social work required for independent practice Must have 3 years of practice under qualified supervision post Masters Degree Must have well-developed working knowledge of the principals and practice of social work Must have basic knowledge of consultation process Must have good understanding of community health, welfare, and social agencies Must adhere to Canadian Association of Social Work Code of Ethics and Standards of Practice.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> Dalhousie, Halifax, NS University of Moncton, Moncton, NB University of Toronto, Toronto, ON Memorial, St. John's, NL MacGill, Montreal, QC Other Universities across Canada.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> For a BSW/MSW, it depends on the school you have applied to or the number of years in generalized program The minimum for MSW is 5 years plus a supervised candidacy period.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> In Medical Social Work: <ul style="list-style-type: none"> B.S.W. – Approximately \$62,500 M.S.W. – Approximately \$72,500
OTHER REQUIREMENTS	<ul style="list-style-type: none"> REGISTRATION: Must be registered with the Nova Scotia Association of Social Work Volunteer work strongly encouraged Must have good general health Must demonstrate emotional stability, flexibility, ability to function independently, personal integrity, and an ability to work effectively with others Must be able to work with ill and disabled persons in a hospital environment.
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> Some schools have affirmative action policies The maritime school of social work has an affirmative action policy for residents of the three Maritime Provinces who belong to regional Aboriginal, Acadian, and Indigenous Black populations and for persons with disabilities Members of these groups who have 5 general (non social work) university credits that average B- are encouraged to apply under this policy.



Dietician

JOB DESCRIPTION

Being a dietitian offers many opportunities for a rewarding career. Today dietitian's work with clients at all levels – from individuals and groups to organizations and the population-at-large.

Dietitians working for the Nova Scotia Health have careers as:

- **Clinical dietitians** who work as part of the health care team and assess the nutritional status of individuals, develop care plans, monitor the effectiveness of the nutrition intervention, and provide counseling to clients.
- **Administrative dietitians** who manage large scale food service operations to ensure the safe, sanitary, and cost-effective preparation and distribution of meals.
- **Public Health Nutritionists** who assess the nutrition needs of their communities and develop nutrition programs and services to meet those needs.
- **Community Health Dietitians** who develop programs and services to improve nutritional well-being and access to healthy food and to address specific nutrition needs of groups within their community.

HIGH SCHOOL REQUIREMENTS

- High School Diploma
- University Preparatory Courses.

ACCEPTABLE GRADE AVERAGES

- Combined average of 65% in Grade 11 and 12. These grades may vary based on the time of application into the University or College

EDUCATION REQUIREMENTS

- Bachelor of Science in Human Nutrition.

LOCATION OF TRAINING PROGRAMS

- Mount St. Vincent, Bedford, NS
- St. Francis Xavier, Antigonish, NS
- Acadia, Wolfville, NS
- QEII, Halifax, NS
- Partial at:
 - Cape Breton University, Sydney, NS
 - University of PEI, Charlottetown, PEI
 - Memorial, St. John's, NL.

LENGTH OF PROFESSIONAL TRAINING

- 4-year program
- Dietetic Internship.

STARTING SALARY RANGE IN NOVA SCOTIA

- Approximately \$61,000

WHERE DO DIETICIANS WORK?

- Acute care hospitals
- Chronic care hospitals
- Long term care facilities
- Home care programs
- Community health centers
- Public health centers
- Aboriginal health centers
- Food service/catering companies
- Private practice/consulting.



Health

Information Management Professional

JOB DESCRIPTION	<ul style="list-style-type: none"> • HIM Professionals assemble and analyze the health records of patients • This involves abstracting clinical data from the Health Record, recording deficiencies, coding and ensuring that the health record is complete and accurate • HIM Professionals also collect statistical and research information and participate in Data Quality Management Programs.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Diploma with <ul style="list-style-type: none"> ○ Academic Grade 12 Science (Biology, Chemistry or Physics) ○ Academic Grade 12 English ○ Academic Grade 12 Mathematics.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • Academic High School Diploma.
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> • Completion of a Health Information Management Program • Successful completion of the National HIM Certification Exam.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • The Health Information Management Program is offered at the NSCC-Institute of Technology Campus in Halifax.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$46,500.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Must be a member of the Canadian Health Information Management Association and the Canadian College of Health Record Administrators.



Manager

JOB DESCRIPTION

- Managers work in administrative and clinical roles and are responsible for the development, implementation, management, and evaluation of activities in their service area. They are responsible for procedure and policy development, budget administration and the recruitment and training of new staff as well as performance management.
- Managers manage the daily operations of a department in areas such as information and communication systems, health information, quality management and payroll.

HIGH SCHOOL REQUIREMENTS

- High School Diploma with
 - Minimum of five university preparatory grade 12 level courses with an overall average of 70 percent or higher and no grade below 70 percent

ACCEPTABLE GRADE AVERAGES

- Academic High School Diploma.

EDUCATION REQUIREMENTS

- Completion of a Business Administration Degree or Diploma
- Clinical Managers (nursing, physiotherapy, etc.) are required to hold licensure with their respective licensing body

LOCATION OF TRAINING PROGRAMS

- Available at several Canadian Universities.

STARTING SALARY RANGE IN NOVA SCOTIA

- Approximately \$60,500 - \$90,000 annually.

Medical Laboratory Technologist

JOB DESCRIPTION	<ul style="list-style-type: none"> • A medical laboratory technologist performs laboratory investigations relating to diagnosis, treatment and prevention of disease • The technologist handles and performs testing processes on blood and body fluids, surgical tissue specimens and microbiological samples. • Scientific disciplines include Hematology, Immunology, Clinical Chemistry, Microbiology, Histology, Cytology, Transfusion Science.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Diploma. • At least an 80% average in Chemistry 12 • At least a 70% average in the following courses: <ul style="list-style-type: none"> ○ English 12 ○ Biology 12 ○ Advanced Math 12. <p>These grades may vary based on the time of application into the University or College</p>
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> • Diploma in Medical Laboratory Technology.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • In Nova Scotia the Nova Scotia Community College is the only place that will offer a diploma in Medical Laboratory Technology at the Dartmouth Campus • There are only 24 seats available and the demand is high so you should apply early at admissions@nsc.ca, or see www.nsc.ca. • The program is also offered at the New Brunswick Community College in Saint John, NB and you can apply online at www.nbcc.nb.ca.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • 3-year program made up of 43 weeks of theory/labs and 38 weeks of clinical practice.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$59,500 annually.
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> • On-the-job training is offered through clinical practicums in the clinical laboratories of the Health Authority across the province • Tuition rates are the same for any regular program offered at NSCC • Students should also budget for additional expenses including: <ul style="list-style-type: none"> ○ Textbooks ○ Lab coats ○ Health plan coverage ○ Student union dues ○ Fees for writing national certification exam once you have successfully completed the program.



Medical Radiation Technologist (MRT)

JOB DESCRIPTION	<ul style="list-style-type: none"> The X-Ray Technologist is a health care professional who utilizes radiation to produce images of patient's anatomical structures. The quality of the image is critical, as it will assist the physician in the diagnosis/treatment of the disease or injury.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> High School Diploma Five University Preparatory courses including: <ul style="list-style-type: none"> Physics 12 Math 12 English 12 Either Chemistry 12 or Biology 12.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> An overall minimum average of 75% No grade lower than 70% in the 5 courses. These grades may vary based on the time of application into the University or College
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> A 4-year Bachelor of Health Sciences degree program The program provides an integrated course of study which includes both theory and practice. Students will take core professional development courses and learn discipline specific skills.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> QEII/Dalhousie School of Health Sciences, Halifax, NS.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> 4-year program.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> Approximately \$66,100 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> Pre-Enrolment Requirements include current immunization against Tetanus, Diphtheria, Polio, Measles, Mumps, Rubella., Tuberculum testing (Mantoux U two step method), and Hepatitis-B vaccination Current Basic Life Support Certification (BLS-C) and Standard First Aid certificate CERTIFICATION: Canadian Association of Medical Radiation Technologists (CAMRT) sets national registration exams. Successful completion of these exams is a requirement to practice. (See www.camrt.ca for more information). PROFESSIONAL ASSOCIATION: While in the program, students are required to obtain membership in the Nova Scotia Association of Medical Radiation Technologists (NSAMRT).
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> Average class size is 10-15 students.
LOCATION OF OTHER TRAINING SCHOOLS	<p>Dalhousie School of Health Sciences Email: health.sciences@dal.ca</p>

For a full list of Canadian schools that offer MRT programs please visit http://www.camrt.ca/english/career/education_prog.asp.



Nuclear Medicine Technologist

JOB DESCRIPTION	<ul style="list-style-type: none"> A nuclear medicine technologist is a health care professional who uses substances labeled with radioactive tracers, called radio pharmaceuticals, to investigate and treat disease processes The technologist operates the radiation detection equipment that gives an assessment of the distribution of the radiopharmaceutical within the body. By using various computer programs, the technologist analyzes the data to obtain the best information from the study.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> High School Diploma Five University Preparatory courses including: <ul style="list-style-type: none"> Physics 12 Math 12 English 12 Either Chemistry 12 or Biology 12.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> An overall minimum average of 70%. These grades may vary based on the time of application into the University or College
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> A 4-year Bachelor of Health Sciences degree program The program provides an integrated course of study which includes both theory and practice. Students will take core professional development courses and learn discipline specific skills.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> QEII/Dalhousie School of Health Sciences, Halifax, NS.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> 4-year program.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> Approximately \$66,100 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> Pre-Enrolment Requirements include current immunization against Tetanus, Diphtheria, Polio, Measles, Mumps, Rubella., Tuberculum testing (Mantoux U two step method), and Hepatitis-B vaccination Current Basic Life Support Certification (BLS-C) and Standard First Aid certificate required CERTIFICATION: Canadian Association of Medical Radiation Technologists (CAMRT) sets national registration exams. Successful completion of these exams is a requirement to practice. (See www.camrt.ca for more information). PROFESSIONAL ASSOCIATION: While in the program, students are required to obtain membership in the Nova Scotia Association of Medical Radiation Technologists (NSAMRT).
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> Average class size is 10-15 students.
LOCATION OF OTHER TRAINING SCHOOLS	<p>Dalhousie School of Health Sciences Email: health.sciences@dal.ca</p>

For a full list of Canadian schools that offer NMT programs please visit http://www.camrt.ca/english/career/education_prog.asp.



Ultrasound Technologist

JOB DESCRIPTION	<ul style="list-style-type: none"> The Diagnostic Medical Sonographer can produce and evaluate ultrasound images and related data that are used by specialized physicians to render a medical diagnosis. Sonographers typically provide technical expertise in abdomen, superficial structures, obstetrics/gynecology, vascular and cardiac applications.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> High School Diploma Five University Preparatory courses including: <ul style="list-style-type: none"> Physics 12 Math 12 English 12 Biology 12.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> An overall minimum average of 75% A minimum of 65% in English and Math No grade lower than 70% in the 5 courses. These grades may vary based on the time of application into the University or College
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> The program provides an integrated course of study which includes both theory and practice. Students will take core professional development courses and learn discipline specific skills.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> QEII/Dalhousie School of Health Sciences, Halifax, NS
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> 3-year program.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> Approximately \$66,100 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> Pre-Enrolment Requirements include current immunization against Tetanus, Diphtheria, Polio, Measles, Mumps, Rubella., Tuberculum testing (Mantoux U two step method), and Hepatitis-B vaccination Current Basic Life Support Certification (BLS-C) and Standard First Aid certificate required CERTIFICATION: American Registry for Diagnostic Medical Sonography (ARDMS) sets national registration exams. Canadian Association of Registered Diagnostic Ultrasound Professionals (CARDUP) PROFESSIONAL ASSOCIATION: While in the program, students are required to obtain membership in the Nova Scotia Association of Medical Radiation Technologists (NSAMRT) & the Canadian Association of Medical Radiation Technologists (CAMRT).
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> Average class size is 10 students.
LOCATION OF OTHER TRAINING SCHOOLS	<p>Dalhousie School of Health Sciences Email: health.sciences@dal.ca</p>

For a full list of Canadian schools that offer MRT programs please visit
http://www.camrt.ca/english/career/education_prog.asp.



Registered Vascular Technologist

JOB DESCRIPTION	<ul style="list-style-type: none"> • Performance of non-invasive Vascular Testing & Cardiac Ultrasounds • Testing of the circulatory system using various forms of ultrasound, blood pressure cuffs and other equipment. • Duplex and Doppler Testing
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Diploma • A minimum of 5 credits at level 12 • Courses including: <ul style="list-style-type: none"> ○ Sciences 12 ○ Academic Mathematics 12. ○ Physics 12
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • An overall minimum average of 70%. These grades may vary based on the time of application into the University or College
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> • Bachelor of Health Science-Diagnostic Medical Ultrasound. • Registered Vascular Technologist (RVT)
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • Dalhousie University, Halifax, NS.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • 4-year program: <ul style="list-style-type: none"> ○ 3 years professional diploma ○ 4 years BHSc.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$66,500 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Current Basic Life Support Certification (BSL-C).
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> • Clinical portion of program requires full time commitment in May & June • Clinical placement is based on requirement and stage of training.



Physiotherapist

JOB DESCRIPTION	<ul style="list-style-type: none"> • Physiotherapy is an interesting and rewarding career which offers a wide range of opportunities for men and women • The practice of physiotherapy involves primarily an evaluation of specific physical problems together with the planning and undertaking of a treatment program using physical methods such as exercise, heat cold and electrical energy • Physiotherapists may work independently or with a Healthcare Team.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • Math, Physics and Biology.
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> • Completion of university degree with the following prerequisite courses: <ul style="list-style-type: none"> ○ Physics ○ Statistics ○ Biology ○ Research methods ○ Human/ Vertebrate Anatomy ○ Introduction to Biomechanics ○ Human Physiology ○ Language or Social Science • Please consult the calendar of the University.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • Available at several Canadian Universities.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • 4-year undergraduate degree • 2-year Masters entry level.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$65,600 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Good interpersonal skills • Volunteering in physiotherapy or other patient care related activities is an asset.
WHERE DO PHYSIOTHERAPISTS WORK?	<ul style="list-style-type: none"> • Physiotherapists may work in a variety of situations: <ul style="list-style-type: none"> ○ Hospitals ○ Rehabilitation centers ○ Schools ○ Private clinics ○ Home care ○ Industrial health units ○ Research
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> • For further information logon to www.physiotherapy.ca.



Occupational Therapist

JOB DESCRIPTION	<ul style="list-style-type: none"> Occupational therapy enables individuals to lead a more productive, satisfying, and independent life by making it possible for a person to engage in activities. These activities are grouped into the following life occupations: <ul style="list-style-type: none"> SELF-CARE: dressing, bathing, eating, shopping, and finances. PRODUCTIVITY: paid/unpaid work, household chores, and school. LEISURE: outings, play, travel, sports, games and hobbies. Anyone of any age can benefit from occupational therapy if they are unable to or find it difficult to participate in a desired activity.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> Academic courses including math and sciences.
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> Since occupational therapists are health professionals most programs in occupational therapy will require a 4-year undergraduate degree and a Masters entry level.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> Several Universities in Canada.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> 4-year undergraduate degree 2-year Masters entry level
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> Approximately \$65,600 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> A minimum of 1000 hours of supervised clinical training In certain provinces, successfully pass a national certification examination before becoming eligible to practice.
WHERE DO OCCUPATIONAL THERAPISTS WORK?	<ul style="list-style-type: none"> COMMUNITY: home care, schools, health boards, community health centers, clinics, community action groups, workers compensation boards and government INSTITUTIONS: acute health care hospitals, psychiatric hospitals, rehabilitation centers, nursing homes and mental health centers BUSINESS/PRIVATE SECTOR: insurance companies, construction and architectural firms, industry, rehabilitation companies and private clinics.
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> For further information logon to the Canadian Association of Occupational Therapists website at http://www.caot.ca/.

Orthotist



JOB DESCRIPTION	<ul style="list-style-type: none"> • Orthopaedic Bracing Specialist • Assessment of Orthopedic conditions • Design of braces or splints to control/support deformity and reduce pain and improve function.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • Physics • Biology • Math.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • 85% or higher. These grades may vary based on the time of application into the University or College • Must pass entrance exam and interviews.
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> • A University Bachelors Degree is required as the Clinical Program is a post degree/diploma program • Graduates from the Orthotics/Prosthetics Technical Program, Kinesiology, Physical Education, Nursing, Engineering and other related backgrounds are considered as suitable candidates.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • College Montmorency, Montreal, QC, http://www.cmontmorency.qc.ca/programmes/t_orthese.htm. • George Brown College, Toronto, ON http://209.151.141.197/GBCWebsite/GBCPrograms.html • British Columbia Institution of Technology (BCIT), Burnaby, BC, www.bcit.ca/health/prosthetics/.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • Bachelors' degree of 3-4 years in a related field. • Certificate in Orthotics/Prosthetics (Clinical) 2 years • 22-month internship in Orthotics before licensing examination with the Canadian Board for Certification of Prosthetists and Orthotists (CBCPO).
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$77,600 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Due to the specialization and unique characteristics of this profession, it is recommended that those who wish to enter this profession and program visit rehabilitation and orthotic and prosthetic facilities to see the types of devices made and the special skills required to fabricate and fit them. • Volunteer experience is considered an asset.
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> • For more information, logon to the Canadian Association of Prosthetists and Orthotists web site at http://www.prostheticsandorthotics.ca/.

Orthotic Technician

JOB DESCRIPTION	<ul style="list-style-type: none"> • Orthopaedic Bracing Fabrication • Function effectively as an integral team member in the delivery of Orthotic devices. • Fabrication of braces or splints to control/support deformity and reduce pain and improve function.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • Physics • Biology
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • Must have acceptable performance on entrance examination. • Must perform well on dexterity test and interview.
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> • High school diploma or application as mature student
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • George Brown College, Toronto, ON http://209.151.141.197/GBCWebsite/GBCPrograms.html
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • Diploma in Orthotics/Prosthetics (Technical) 2 years • 22-month apprenticeship in Orthotics before registration examination with the Canadian Board for Certification of Prosthetists and Orthotists (CBCPO).
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • \$45,300 for apprenticeship • \$57,600 registered technician
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Due to the specialization and unique characteristics of this profession, it is recommended that those who wish to enter this profession and program visit rehabilitation and orthotic and prosthetic facilities to see the types of devices made and the special skills required to fabricate and fit them. • Volunteer experience is considered an asset.
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> • For more information, logon to the Canadian Association of Prosthetists and Orthotists web site at http://www.prostheticsandorthotics.ca/.



Pharmacist

JOB DESCRIPTION	<ul style="list-style-type: none"> • A health profession in which pharmacists provide care for their patients as one member of the health care team • Care focuses on the patient from the perspective of drug therapy • The pharmacist is responsible to identify, prevent and resolve patient's drug therapy problems.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Diploma • Courses including: <ul style="list-style-type: none"> ○ Sciences 12 ○ Academic Mathematics 12 ○ English 12.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • The admission process is highly competitive and only those with high academic standing are considered for entry each year.
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> • At least one year of general science is required • Before making application to the college of pharmacy, an individual must successfully complete the following first year courses: <ul style="list-style-type: none"> ○ Chemistry 100 level ○ Calculus 100 level ○ Biology 100 level ○ One Humanities or Language ○ One Social Science.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • Dalhousie University, Halifax, NS • Memorial University, St. John's, NL.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • A Bachelor of Science Degree in Pharmacy is necessary for those who wish to practice as licensed pharmacists, and typically takes 4 years • For those who wish to enter research or teaching, a Master of Science, Post Doctorate of Clinical Pharmacy or further post graduate study is usually required.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$84,400.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Some universities require additional courses so the student should check the Academic Calendars of these universities.
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> • In a self-reporting poll, 100% of 2001 graduates were employed upon graduation.

Physician

JOB DESCRIPTION	<ul style="list-style-type: none"> While there are many different types of physicians, about half of all doctors are family physicians, the other half are specialists There are at least 60 different types of specialties practiced in Nova Scotia with broad categories including surgery, adult medicine, childhood medicine, women's health, mental health, diagnostic imaging, and laboratory medicine Each type of medical practice has its own unique challenges, rewards, and lifestyles.
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> High School Diploma Courses including Biology 12, Physics 12, Chemistry 12.
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> The admission process is highly competitive and only those with high academic standing are considered for entry each year GPA of 3.3 or higher (85+ or A to A+). These grades may vary based on the time of application into the University or College
EDUCATION REQUIREMENTS	<ul style="list-style-type: none"> Broad academic background: The faculty looks for applicants who have a good record of achievement in both academic and non-academic activities. Applicants with a broad academic background have a better chance of admission as humanities, physical, and social sciences cultivate desirable personal qualities for students and physicians Several levels of training: Sound basic training in the sciences is important so students can understand the complexities of modern scientific medicine A four-year degree: The Admissions Committee also recognizes that appropriate preparation for the study of medicine can be acquired through many varied educational backgrounds. The minimum requirement for entry, however, is a baccalaureate degree in any discipline. Although candidates with three-year degrees are occasionally admitted; a four-year degree is strongly preferred Communications skills: It is essential that future physicians are able to communicate effectively, both orally and in writing The Medical College Entrance Exams (MCATs) are required for entry to most Medical School, and a good score on this exam is required.
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> There are 14 English Medical Schools in Canada, the closest are: <ul style="list-style-type: none"> Dalhousie, Halifax, NS, www.medicine.dal.ca Memorial University, St. John's, NL.
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> Undergraduate degrees typically take 3-4 years to complete Medical School typically takes an additional 4 years to complete After Medical School students choose a residency that lasts 2-7 years Residents are paid a salary Family medicine residency is 2 years.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> Most Medical Schools require students to take the Medical College Admission Test (MCAT) Extracurricular activities Medically related experience Volunteer experience
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> For more information on Medical Schools in Canada logon to the website http://www.acmc.ca/can_fac.htm.



Radiation Therapist

JOB DESCRIPTION

Radiation Therapy is one of three mainstream modalities used in the treatment of cancer. It uses ionizing radiation to treat primarily malignant diseases in people of all ages.

The Radiation Therapist practices in these main areas:

- Simulation: includes taking x-rays or using a CT scanner to obtain patient's anatomy, deciding on treatment position and construction of immobilization devices
- Treatment Planning: including treatment simulation and dose distribution generation
- Treatment Delivery: administering daily treatment and fulfilling the treatment prescription
- Patient Care: explaining potential side effects and helping patients and family members cope with treatment.

HIGH SCHOOL REQUIREMENTS

- High School Diploma
- Those High school credits required for entry into a Bachelor of Science program at the Undergraduate level
- 5 University full course credits including Physics, Math and Biology with a minimum grade of C- and an overall minimum grade of B-
- Usually includes an interview and aptitude test.

LOCATION OF TRAINING PROGRAMS

- University of Toronto/The Michener Institute, Toronto, ON (<http://www.michener.ca>)
 - In the past, this program has been sponsored by the province of NS. Please check before applying to see if this is still the case.

LENGTH OF PROFESSIONAL TRAINING

- This is a three year program (this does not include the year of undergraduate courses that are required to get into the program)
- Graduates obtain a BSc in Radiation Sciences and an Advanced Diploma in Radiation Therapy.

STARTING SALARY RANGE IN NOVA SCOTIA

- Approximately \$83,900 annually.

OTHER REQUIREMENTS

- Radiation Therapists in Nova Scotia are members of the Nova Scotia Association of Medical Radiation Technologists (NSAMRT) and the Canadian Association of Medical Radiation Technologists (CAMRT)
- Certification is achieved by completion of an accredited program, a series of competency-based assessments and examinations
- www.nsamrt.ca, www.camrt.ca



JOB DESCRIPTION	<ul style="list-style-type: none"> Nursing is a unique health profession, both an art and a science which involves the practice of professional caring It is an essential service whose purpose is to promote: <ul style="list-style-type: none"> Health Self Care Prevention of disease and disability Coping with illness Palliative care
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> High School Diploma Five advanced or academic courses including: <ul style="list-style-type: none"> English 12 Mathematics 12 Two of Biology 12, Chemistry 12 and Physics 12 Recommended: <ul style="list-style-type: none"> Pre-calculus Mathematics 12 Chemistry 12, Biology 12
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> Overall minimum average of 65% in Grade 11 and 12 Please note that although the admission criteria for nursing is a 65% average, this does not guarantee one admission as generally the competition for nursing seats attracts those with higher averages. These grades may vary based on the time of application into the University or College
LOCATION OF TRAINING PROGRAMS IN NOVA SCOTIA	<ul style="list-style-type: none"> Cape Breton University, Sydney, NS St. Francis Xavier, Antigonish, NS Dalhousie University, Halifax, NS & Yarmouth, NS
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> The Baccalaureate Degree of Nursing typically takes 4 years, some programs have an accelerated 3 year program.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> Approximately \$68,600 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> Basic Life Support Certification (BLS-C) Standard First Aid Criminal Record Check and Vulnerable Sector Search
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> While the majority of nurses work in hospitals, nurses work in diverse settings, and more will move into such settings in the future. These settings include, but are not limited to: <ul style="list-style-type: none"> Community nursing Occupational health settings Wellness clinics Schools Professional nursing associations, etc.



Licensed Practical Nurse

JOB DESCRIPTION	<p>Licensed Practical Nurses provide professional nursing care and promote health and healing, in partnership with other health care professional providers, to individuals, families, groups, in a variety of care settings:</p> <ul style="list-style-type: none"> ○ Acute care ○ Long-term/extended care ○ Home care ○ Community
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Graduation Diploma or equivalent <ul style="list-style-type: none"> ○ Courses including: ○ Academic English 12 ○ Academic English 12 ○ Two additional Academic Sciences 12 ○ These grades may vary based on the time of application into the University or College OR • Nova Scotia High School Graduation Diploma for Adults including: <ul style="list-style-type: none"> ○ Academic Communications IV (COMM 1041) ○ Academic Math IV (MATH 1050) and ○ Two additional Academic Sciences of: ○ Academic Chemistry IV (CHEM 1050) ○ Academic Biology IV (BIOL 1050) and/or ○ Academic Physics IV (PHYS 1050) OR • NSCC Academic & Career Connections program equivalents
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • Nova Scotia Community College: • Marconi Campus, Sydney, NS • Ivany Campus, Dartmouth, NS • Lunenburg Campus, Bridgewater, NS • Burridge Campus, Yarmouth, NS • Annapolis Valley Campus, Middleton, NS • Pictou Campus, Stellerton, NS • Cumberland Campus, Amherst, NS • Strait Area Campus, Port Hawkesbury, NS • Kingstec Campus, Kentville, NS • Truro Campus, Truro, NS
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • 69 week program which includes 21 weeks of clinical placement plus 4 weeks of internship rotation.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$55,200 annually.
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Current CPR course (Level C) • Standard First Aid • Criminal Record Check and Vulnerable Sector Search
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> • Following successful completion of the program, the graduate is eligible to write a national examination • Successful completion of a national examination qualifies the graduate as a Licensed Practical Nurse



Respiratory Therapist

JOB DESCRIPTION	<p>Respiratory Therapists are healthcare professionals who assist physicians with the diagnosis and treatment of lung disorders. Their duties include:</p> <ul style="list-style-type: none"> • Maintaining an open airway for trauma, intensive care, and surgery patients • Assisting in cardiopulmonary resuscitation and support • Providing life support for patients who can't breathe on their own • Assisting in high-risk births • Stabilizing high risk patients being moved by air or ground ambulance • Assisting anesthesiologists in the operating room • Administering inhaled drugs and medical gases such as asthma medication and oxygen • Conducting tests to measure lung function • Teaching people to manage their asthma or to quit smoking • Providing in-home respiratory care to adults and children with chronic lung disease
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Diploma • A minimum of 5 credits at level 12 university preparatory courses, including: <ul style="list-style-type: none"> ○ English ○ Math ○ 2 Sciences: Chemistry and Biology or Physics
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • Overall Average of 75% in the 5 university preparatory courses used to meet admissions requirements • No grade lower than 70% in the 5 courses • The admission process is highly competitive. • These grades may vary based on the time of application into the University or College
LOCATION OF TRAINING PROGRAMS	<ul style="list-style-type: none"> • Dalhousie University, Halifax, NS • New Brunswick Community College (NBCC), Saint John, NB • College of the North Atlantic (CNA), St. John's, NL • Multiple other schools throughout Canada; see www.csrt.com
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • Respiratory therapists in Canada graduate from either four-year respiratory therapy degrees offered by universities or three-year training programs offered by community colleges and institutes of technology • Following graduation from CSRT approved programs, students are eligible to write the national registration examinations as provided by the Canadian Board for Respiratory Care • Successful candidates earn the Registered Respiratory Therapist (RRT) credential.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$57,300 annually.
POST-GRADUATE STUDIES	<ul style="list-style-type: none"> • Post-graduate education exists in asthma and COPD educator certification, anesthesia assistant programs, sleep medicine, cardiovascular perfusion, and master's degrees.

Recreation Therapist

JOB DESCRIPTION	<p>Recreation Therapists provide treatment services and recreation activities for individuals with disabilities or illnesses.</p> <p>Treatment services is usually in the form of sports, games, arts, crafts, and music to help patients build confidence and return to an active and healthy lifestyle.</p> <p>Recreation Therapists provide treatment through recreation, leisure and activity to improve function in four domains of life:</p> <ul style="list-style-type: none"> • Physical • Emotional • Social • Cognitive
HIGH SCHOOL REQUIREMENTS	<ul style="list-style-type: none"> • High School Diploma <ul style="list-style-type: none"> ○ Courses including Math 12 • Recommended: <ul style="list-style-type: none"> ○ English 12 ○ Pre-calculus Mathematics 12 ○ Chemistry 12 or Biology 12
ACCEPTABLE GRADE AVERAGES	<ul style="list-style-type: none"> • Approximately 25 students are admitted into the BScR-TR program at Dalhousie University each year. • The minimum requirement for high school applicants is completion of Nova Scotia Grade XII or equivalent with a minimum average of 70% in five university preparatory subjects, including: <ul style="list-style-type: none"> ○ minimum of 70% in English ○ minimum of 70% in Biology or Chemistry 12 ○ These grades may vary based on the time of application into the University or College
LOCATION OF TRAINING PROGRAMS IN NOVA SCOTIA	<ul style="list-style-type: none"> • Dalhousie University – Halifax, NS
LENGTH OF PROFESSIONAL TRAINING	<ul style="list-style-type: none"> • The Baccalaureate Degree of Therapeutic Recreation typically takes 4 years.
STARTING SALARY RANGE IN NOVA SCOTIA	<ul style="list-style-type: none"> • Approximately \$64,200 annually
OTHER REQUIREMENTS	<ul style="list-style-type: none"> • Meet the certification requirements of the National Council for Therapeutic Recreation Certification exams.
OTHER RELEVANT INFORMATION	<ul style="list-style-type: none"> • Employment opportunities exists in Mental Health services, Addiction services, rehabilitation and restorative care units, nursing and long-term care facilities, adult day programs, schools, children’s hospitals, and correctional facilities.