



Programs

- Medical Laboratory Technician (Pending Ministry approval)
- Nursing (BScN Degree Program)
- Practical Nursing
- Paramedic
- Paramedic (Pre-Service Firefighter Education and Training - to - Paramedic Bridging Program)
- Personal Support Worker
- Pre-Health Sciences
- Pre-Service Firefighter Education and Training Program

Northern's School of Health Sciences and Emergency Services is recognized across Ontario for its innovation and the excellent reputation of its faculty and programs.

Features and Highlights

- The four-year Bachelor of Science in Nursing program is offered at the Porcupine Campus as part of the North Eastern Ontario Collaborative Nursing Program. Students take all four years at Northern's Porcupine (Timmins) Campus and obtain a degree from Laurentian University.
- The Pre-Health Sciences program provides the science and math pre-requisites to prepare students for a number of careers in the Health disciplines and successful completion of both semesters will provide students with the entrance requirements for the BScN, Practical Nursing and Paramedic programs.
- The two-semester Personal Support Worker program reflects the most current program standard approved by the Ministry of Training, Colleges and Universities.
- The Pre-Service Firefighter Education and Training Program features an on campus live burn training facility to provide greater hands-on practice in firefighting skills and is recognized as one of the best in the province. The Ontario Association of Fire Chiefs and the Office of the Fire Marshal through the Endorsement Review Board endorses the standardized curriculum used in the Pre-Service Firefighter Education and Training Program.
- The Firefighter to Paramedic Bridging program allows Pre-Service Firefighter Education and Training graduates to bridge into the Paramedic program and obtain an additional Primary Care Paramedic diploma in three semesters.

Medical Laboratory Technician

The role of the medical lab technician is to assist the lab technologist in various investigative and clinical laboratory procedures. Graduates of this program will have the basic technical and theoretical skills to work in healthcare laboratories. Emphasis is placed on becoming proficient in blood collection, processing clinical specimens, performing ECG's, setting up Holter monitors and performing a variety of other lab functions. Students will develop the professional demeanour needed for close patient contact. This program will appeal to students who have good organizational skills. Excellent communication and interpersonal skills are also essential.

Employment Opportunities

Diverse employment opportunities exist with hospital, private and public health laboratories, clinics, veterinary laboratories, research labs and commercial diagnostic supply companies. Lab technician, phlebotomist and clinic assistant are typical positions.

Admission Requirements

Ontario Secondary School Diploma (OSSD)
Grade 12 English (C,M,U)
Grade 11 Math (C or U)
Grade 11 or 12 Biology (C or U)
Grade 11 or 12 Chemistry (C or U)

Computer proficiency in Microsoft Office (word processing, spreadsheets), web search engines and e-mail systems is required. Students may assess whether or not they meet the computer proficiency expectations for this program by taking the free online assessment at www.northern.on.ca/admissions/tool.html.

Note: Successful completion of Northern's two-semester Pre-health program will also serve to meet the admission requirements for the Medical Laboratory Technician program.

Or equivalent.

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program.) Mature students must undergo academic testing prior to admission into a program. Call the admissions office at (705)235-7222 for more details.

Note: Northern College does not offer testing for the science equivalencies.

Other Admission Requirements:

Current Basic Cardiac Life Support (CPR Level C with HCP content).
Standard First Aid Certificate (or equivalent)
Physician's medical report as per guide supplied by the College

Immunization record including Hepatitis B; two step Mantoux (with follow up chest x-ray if the test is positive)
Employers who provide clinical placement settings require a criminal record check for criminal offenses before accepting a student into the clinical setting.

A recent criminal record check (within 3 months of start of semester) from Ontario Education Services Corporation (OSEC) is required prior to the start of the second semester.

Note: CPR re-certification, criminal reference checks and immunization updates are required annually. Any costs for these tests/certifications will be the responsibility of the student. To be eligible for participation in clinical training, students must not have been convicted of any criminal offence for which that person has not been pardoned. An unpardoned criminal record will result in an inability to participate in clinical placements and field internship courses and will prevent the student from graduating.

Students are responsible for the cost of appropriate uniforms and books as well as transportation to clinical placement sites. Mask Fit testing will be provided by the College prior to clinical practice. Upon successful completion of all courses outlined in the Program of Studies, students are eligible to write the Examination for Laboratory Technicians as set out by the Canadian Society of Medical Laboratory Science (CSMLS). At time of printing the CSMLS application and fee was \$250.00.

It is important to note that this program requires a clinical practice component in semester III. While the intent is for placements to be arranged in the local community, when this is not possible, alternate communities will need to be considered. Students are responsible for the costs of travel to and from the placement site, parking costs and accommodations (if required). A dress code is in effect during all lab practice sessions and during the practical clinical component of the program. All theory and lab course work must be successfully completed prior to field work placements.

Length	3 Semesters
Location(s)	(PC) Timmins
Code(s)	(Pending ministry approval)

Program of Studies

Note: This program was pending ministry approval at time of printing. Refer to the College's website for program updates.

Semester I

CM1913-B	Communication I
LT1003	Clinical Laboratory Techniques
LT1034	Clinical Data Management
LT1008	Specimen Collection/Handling
LT1013	Applied Anatomy and Physiology
LT1024	Applied Chemistry Elective

Semester II

LT2034	Laboratory Administration and Quality Management
LT2024	Microbiology, Cytology, and Histology
LT2014	Practical Hematology and Immunohematology
LT2004	Clinical Chemistry and Urinalysis
LT2008	Specimen Collection/Handling
SW2023	Conflict Resolution/Mediation

Semester III

LT3002	Medical Lab Review
LT3010	Clinical Practice

Nursing - Bachelor of Science in Nursing (BScN)

Length	8 Semesters 123 credits
Location(s)	(PC) Timmins
Code(s)	NORT-H112 – PC

North Eastern Ontario Collaborative Nursing Program

Nursing is a profession that provides opportunities for specialization, team work, leadership and personal growth. Nursing promotes partnerships with other health care professionals in caring for clients and families across the lifespan through a variety of health care settings. Northern College is one of the partners in the North Eastern Ontario Collaborative Nursing Program (NEOCNP) and, as part of this partnership with Laurentian University, our nursing students are able to complete all four years of the BScN program at the Porcupine Campus.

Northern's Nursing program philosophy and curriculum incorporate and utilize concepts of caring as the basis of nursing practice. The "Caring Curriculum" emphasizes health promotion and wellness in addition to caring for ill persons. Although very challenging and demanding, our program is delivered in a caring and fun environment with highly supportive faculty to help students succeed and enjoy their post-secondary experience.

Northern's nursing program provides opportunities for students to practice nursing skills in state of the art nursing practice labs. Simulated acute care (hospital), long term care and community settings are equipped with integrative simulation equipment. This latest technology will assist in preparing students for actual client care through simulated medical scenarios. Our nursing program also incorporates new technologies, such as specialized software packages and web-based tools, many of which are used in health-care settings.

Learning experiences will be enhanced through cooperation and consultation with faculty and peers through shared activities. Northern also utilizes its on site Family Health Team clinic, to provide an excellent opportunity for nursing students to experience community-based nursing first hand while working within an interdisciplinary health care team.

Employment Opportunities

A bachelor's degree in nursing, and successful completion of the provincial registration exam, will enable the graduate to work with individuals, families and communities in hospitals, long-term care facilities (nursing homes, chronic care facilities), public health/community agencies, business and industry, prisons, physicians' offices, clinics, mental health services, traveling health agencies, cruise ships, and in foreign countries.

Nurses with a BSc.N degree are eligible to pursue Masters and Doctoral studies that prepare them to work as educators, clinical experts and researchers.

Admission Requirements

Note: This program is oversubscribed and receives more than enough qualified applicants to fill the seats available. Applicants accepted into oversubscribed programs confirm their offer and pay their fees early to reserve a place in the program.

Ontario Secondary School Diploma (OSSD)
Six Grade 12 U credits including:
Grade 12 English (U)
Grade 12 Biology (U)
Grade 12 Chemistry (U)
Any three additional Grade 12 elective courses (4U)

(Note: 4M credits will be accepted for the elective credit requirements only.)
Minimum overall average of 70% (average of all six courses combined)

Note: A general Math course is strongly recommended
Computer proficiency in Microsoft Office (word processing, spreadsheets), web search engines and e-mail systems is required. Students may assess whether or not they meet the computer proficiency expectations for this program by taking the free online assessment at www.northern.on.ca/admissions/tool.html.

Or equivalent.

The successful completion of Northern's two semester Pre-health program will provide students with the admission requirements for entry into the BScN program.
Or mature student status as defined by Laurentian University (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 21 years on or before December 31 in the academic year). Admission for mature students will be in accordance with the policy at Laurentian University. Please contact Northern College's Admissions Office at 705-235-7222 for more information.

Note: Northern College does not offer academic testing for the Science equivalencies.

Admission Requirements for Clinical Placements

- Physician's medical report as per guide supplied by the College
- Proof of current immunization*, including Hepatitis B; 2-step Mantoux (with follow-up chest x-ray if the Mantoux test is positive).
- Current Basic Cardiac Life Support Certificate (C.P.R. - Level C with HCP content). **
- Standard First Aid Certificate (or equivalent)
- WHMIS Certificate (may be obtained at a minimal cost through the College)
- A recent Police Record Search from the Ontario Education Services Corporation (OESC) - (within 3 months) is required prior to the start of classes in September.***

*Note: Students who do not comply with the immunization requirements may not be allowed into the practice settings and as such may not be able to complete the Practicum required to graduate from the program.

Nursing - Bachelor of Science in Nursing (BScN) continued.

****Note:** CPR re-certification, police record search, and immunization updates are required annually and are to be completed prior to the fall semester.

*****Note:** To be eligible for participation in clinical training, students must not have been convicted of any criminal offence for which that person has not been pardoned. An unpardoned criminal record will result in inability to participate in clinical practice courses and could prevent the student from graduating. As of January 1, 2005, the College of Nurses of Ontario (CNO) requires all applicants for registration or reinstatement from within Canada to provide a recent Canadian Police Information Centre Criminal Record Synopsis (CPIC or OESC check) as part of the registration process. The criminal record check registration requirement enhances public protection by allowing CNO to identify those who have criminal records that could affect their suitability to practice nursing.

Note: A criminal record will impede your ability to write the National Registration Exams required for nursing employment in Canada.

Note: Any costs for these tests/certifications will be the responsibility of the applicant.

Students are responsible for the cost of appropriate uniforms and equipment (e.g. stethoscope, watch, pen, etc.) required for the clinical area as well as transportation to practicum placements. Mask fit testing will be provided by the College prior to clinical practice. Upon successful completion of all courses outlined in the Program of Studies, the student is eligible to write the examination for Registered Nurse credentialing as set out by the College of Nurses of Ontario. Students will be informed of the cost of this examination and it is their responsibility to pay this fee by the designated dates.

Beginning in 2009, a pre-registration predictor test will be administered to fourth-year students prior to graduation. The cost of the predictor test will be the responsibility of the student.

Program of Studies

Semester I Health: Self and Family Assessment

BN1006	Self and Family Health
BN1056	Introduction to Professional Growth I
BN1206	Self & Others I: Personal Discovery
BN2105	Human Anatomy and Physiology
EL1003	Elective

Semester II Chronic Health Challenges

BN1007	Family Experience of a Chronic Health Challenge
BN1094	Introduction to Nursing Practice
BN1207	Self & Others II
BN2105	Human Anatomy and Physiology
EL1003	Elective

Semester III Episodic Health Challenges

BN 2111	Principles of Microbiology
BN 2220	Clinical Chemistry
BN2006	Healing I: Episodic Health Challenges
BN2084	Nursing Practice II
EL1003	Elective

Semester IV Complex Health Challenges

BN2144	Nursing Practice III-Complex Health Challenges
BN2057	Professional Growth II: The Nursing Profession
BN2107	Nursing Pathophysiology
BN2220	Clinical Chemistry

Semester V Health Protection

BN3005	Health III – Primary Health Care and Health Promotion
BN3056	Professional Growth III
BN3084	Nursing Practice IV
BN3206	Self & Others III: Helping Relationship
BN3406	Nursing Inquiry

Semester VI Health Promotion

BN3005	Health III – Primary Health Care and Health Promotion
BN3066	Professional Growth IV: Empowerment
BN3094	Nursing Practice V
BN3416	Nursing Research I
EL1003	Elective

Semester VII Societal Health

BN4056	Professional Growth V
BN4084	Nursing Practice VI
BN4206	Self and Others IV: Group Process
BN4416	Nursing Research II
EL1003	Elective

Semester VIII Nursing Practice

BN4057	Professional Growth VI
BN4094	Nursing Practice VII

For program information:

Johanne Carboneau
Program Coordinator
705-235-3211 ext. 2288
carboneauj@northern.on.ca



Length	4 Semesters
Location(s)	(PC) Timmins
Code(s)	NORT-H099- PC

**This program has an intake every second year.
Next intake is September 2011.**

Program of Studies

Semester I

BI1003	Anatomy and Physiology I
CM1913-B	Communications I
PR1002	Medical-Legal Aspects of Care
PR1014	Patient Care Theory I
PR1020	Focus on Fitness I
PR1024	Patient Care Procedures I- Lab
PR1033	Learning through Volunteering
PS3023	Abnormal Psychology

Semester II

BI2013	Anatomy and Physiology II
PN1022	Pharmacology I
PR2003	Ambulance Operations
PR2014	Patient Care Theory II
PR2016	Ambulance Field Experience I
PR2022	Crisis Intervention II
PR2024	Patient Care Procedures II- Lab
PR2026	Focus on Fitness II

Semester III

BI3013	Pathophysiology
PR3002	Advanced Skills for Primary Care Paramedics-Lab
PR3003	Professional Issues, Research and Leadership
PR3006	Ambulance Field Experience II
PR3012	Advanced Skills for Primary Care Paramedics-Theory
PR3013	Patient Care Procedures III- Lab
PR3014	Patient Care Theory III
PR3053	Fitness Maintenance

Semester IV

PR4002	Paramedic Comprehensive Review
PR4003	Ambulance Field Experience Analysis and Presentation
PR4022	Ambulance Field Consolidation

For program information:

Terry Price
Program Coordinator
705-235-3211 ext. 2282
pricet@northern.on.ca

This four-semester program provides the skills and knowledge needed to deliver emergency care in the pre-hospital setting. Classroom components emphasizing biological science, humanities and ambulance services provide the theoretical basis for the interventions required to deal with medical or trauma emergencies. Emphasis is placed on the ability to communicate well with patients, families and health care professionals and to function effectively as part of an interdisciplinary health care team. Clinical labs and field placements provide a milieu where students are able to apply theory into practice through assessment and the provision of a primary level of care.

Admission Requirements

This program is oversubscribed and receives more than enough qualified applicants to fill the seats available. Applicants accepted into oversubscribed programs confirm their offer and pay their fees early to reserve a place in the program.

Ontario Secondary School Diploma (OSSD)

Grade 12 English (C, M, U)

Grade 11 or 12 Biology (C, M, U)

Grade 11 or 12 Chemistry (C, M, U)

Grade 11 Math (C, M, U)

Note: A minimum of 70% in C level courses or 60% in U level courses is required.

Or equivalent.

Successful completion of Northern's two semester Pre-health program will serve to meet the admission requirements for the Paramedic program.

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program. Call the Admissions Office at 705-235-7222 for more details.

Note: Northern College does not offer testing for the science equivalencies.

Other Admission Requirements for Practicum Placements

Current Basic Cardiac Life Support Certificate (C.P.R. - Level C with HCP content*).
Standard First Aid Certificate (or equivalent)

Physician's medical report as per guide supplied by the College

Immunization record including Hepatitis B; 2-step Mantoux

(with follow-up chest x-ray if the T.B. test is positive). *

A recent criminal reference check – from Ontario Education Services Corporation (OESC) - (within 3 months) is required prior to the start of the second semester. *

*Note: CPR re-certification, criminal reference checks and immunization updates are required annually. Any costs for these tests/certifications will be the responsibility of the student.

To be eligible for participation in clinical training, students must not have been convicted of any criminal offence for which that person has not been pardoned (as outlined in the Ambulance Act of Ontario). Note: An unpardoned criminal record will result in inability to participate in clinical placements and field internship courses and will prevent the student from graduating.

Paramedic continued.

Other Information

Student paramedics will be required to perform heavy lifting in varying conditions throughout the program. To develop and maintain adequate physical fitness, students have free access to the school gym. Practice labs provide the opportunity for students to demonstrate care in simulated medical and trauma emergencies. The labs are interactive and all students are required to participate in all components of the lab sessions. A minimum lift requirement is in place for success in the patient care lab component of the program. Students must be able to lift an 95 kg patient along with all appropriate equipment. Please consult with the program coordinator for details regarding the lift requirement.

Upon completion of this program, graduates must be successful in theoretical examinations set by the Ministry of Health, Emergency Health Services Branch, Ontario in order to be certified as a Paramedic and thus to be eligible to work in an ambulance service in Ontario. The cost for the examination process is the responsibility of the student.

Field Placement

To be assigned a field placement, an essential component of the program, you must have been immunized against Hepatitis B, poliomyelitis, tetanus, diphtheria, and influenza. Students who do not comply with the immunization requirements will not be allowed into the practice settings and as such may not be able to complete the practicum required to graduate from the program.

You must possess a valid CPR, Basic Rescuer and Standard First Aid Certificate, and all theoretical and lab course work must be successfully completed prior to field placement.

Employment Eligibility

Applicants should also be aware of the following qualifications for employment (as outlined by the Ambulance Act of Ontario):

- a) For a period of one year before the date he/she commences employment, must not have had six or more demerit points on his/her records by the Registrar of Motor Vehicles under the Highway Traffic Act.
- b) For a period of two years immediately prior to the date he/she commences employment, must not have had his/her driver's licence suspended under the Highway Traffic Act.
- c) For a period of three years immediately prior to the date he/she commences employment, must not have been prohibited under the Criminal Code of Canada, from driving a motor vehicle in Canada.
- d) Must be the holder of an Ontario Secondary School Diploma or equivalent as set out by the Ministry of Education.
- e) Must have a valid Class F Driver's Licence and be 18 years old.

Additional Costs

Students will be required to purchase their uniforms and crests, which can be ordered through the College, prior to the practicum experience and should budget accordingly for boots, books and supplies (approx. \$1500.00).

Employment Opportunities

Graduates may work as paramedics with an ambulance service, technical assistants in hospital emergency departments, as well as in sports injury management services and emergency response teams and transfer services.

Paramedic (Pre-Service Firefighter Education and Training - to - Paramedic Bridging Program)

Length	3 Semesters
Location(s)	(PC) Timmins
Code(s)	NORT-H099B- PC

Program of Studies

Semester I

BI1003	Anatomy and Physiology I
BI2013	Anatomy and Physiology II
PR1014	Patient Care Theory I
PR1024	Patient Care Procedures I – Lab
PR2003	Ambulance Operations
PR2014	Patient Care Theory II
PR2024	Patient Care Procedures II – Lab

Semester II

PN1022	Pharmacology I
PR1002	Medico-Legal Aspects of Care
PR2016	Ambulance Field Experience I
PR3002	Advanced Skills for Primary Care Paramedics – Lab
PR3003	Professional Issues, Research and Leadership
PR3006	Ambulance Field Experience II
PR3012	Advanced Skills for Primary Care Paramedics – Theory
PR3013	Patient Care Procedures III – Lab
PR3014	Patient Care Theory III
PR3043	Pathophysiology for Pre-Hospital Care
PR4053	Fitness Maintenance Update

Semester III

PR4002	Paramedic Comprehensive Review
PR4003	Ambulance Field Experience Analysis and Presentation
PR4022	Ambulance Field Consolidation

For program information:

Terry Price
Program Coordinator
705-235-3211 ext. 2282
pricet@northern.on.ca

Graduates of the Pre-Service Firefighter Education and Training Program have the opportunity to bridge into the two-year Primary Care Paramedic program and complete an additional diploma in three semesters. Classroom components emphasizing biological science, humanities and ambulance services provide the theoretical basis for interventions required to deal with medical or trauma emergencies. Emphasis is placed on the ability to communicate well with patients, families and health professionals and to function effectively as part of an interdisciplinary health care team. Clinical labs and field placements provide a milieu where students are able to apply theory into practice through assessment and the provision of a primary level of care.

Admission Requirements

Note: For full details on admission requirements to this program, please refer to the Admission Requirements Chart in the Admissions and Registration section of this calendar.

Ontario Secondary School Diploma (OSSD) with:
Grade 11 or 12 Biology (C, U)
Grade 11 or 12 Chemistry (C, U)
Grade 11 or 12 Math (C, M, U)

Note: A minimum of 70% in C level courses or 60% in U level courses is required.

Or equivalent.

In addition, applicants must also be graduates of a Pre-Service Firefighter Education and Training program or must have obtained post-secondary credits in the courses listed below:

- English or Communications
- Fitness
- Introduction to Psychology or Developmental Psychology
- Abnormal Psychology or Crisis Intervention

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program and must be able to demonstrate equivalency to the program admission requirements. Call the Admissions Office at 705-235-7222 for more details.

Note: Northern College does not offer testing for the sciences equivalencies.

Other Admission Requirements

Current Basic Cardiac Life Support Certificate (C.P.R. - Level C).
Standard First Aid Certificate (or equivalent)
Physician's medical report as per guide supplied by the College
Immunization record including Hepatitis B; 2-step Mantoux (with follow-up chest x-ray if the T.B. test is positive).*

A recent police record search from the Ontario Education Services Corporation (OESC) - (within 3 months) is required prior to the start of the first semester.*

*Note: CPR re-certification, criminal reference checks and immunization updates are required annually. Any costs for these tests/certifications will be the responsibility of the student.

Paramedic (Pre-Service Firefighter Education and Training - to - Paramedic Bridging Program) - continued.

To be eligible for participation in clinical training, students must not have been convicted of any criminal offence for which that person has not been pardoned (as outlined in the Ambulance Act of Ontario). Note: An unpardoned criminal record will result in inability to participate in clinical placements and field internship courses and will prevent the student from graduating.

Other Information

Paramedic bridging students will be required to perform heavy lifting in varying conditions throughout the program. To develop and maintain adequate physical fitness, students have free access to the school gym. Practice labs provide the opportunity for students to demonstrate care in simulated medical and trauma emergencies. The labs are interactive and all students are required to participate in all components of the lab sessions. A minimum lift requirement is in place for success in the patient care lab component of the program. Students must be able to lift an 95 kg patient along with all appropriate equipment. Please consult with the program coordinator for details regarding the lift requirement.

Upon completion of this program, graduates must be successful in theoretical examinations set by the Ministry of Health, Emergency Health Services Branch, Ontario in order to be certified as a Paramedic and thus to be eligible to work in an ambulance service in Ontario. The cost for the examination process is the responsibility of the student.

Field Placement

To be assigned a field placement, an essential component of the program, students must have been immunized against Hepatitis B, poliomyelitis, tetanus, diphtheria, and influenza*. Students must possess a valid CPR, Basic Rescuer and Standard First Aid Certificate. Students must have successfully completed all theoretical and lab components of the program prior to field placement.

*Note: Students who do not comply with the immunization requirements will not be allowed into the practice settings and as such may not be able to complete the practicum required to graduate from the program.

Employment Eligibility

Applicants should also be aware of the following qualifications for employment (as outlined by the Ambulance Act of Ontario):

- a) For a period of one year before the date he/she commences employment, must not have had six or more demerit points on his/her records by the Registrar of Motor Vehicles under the Highway Traffic Act.
- b) For a period of two years immediately prior to the date he/she commences employment, must not have had his/her driver's licence suspended under the Highway Traffic Act.
- c) For a period of three years immediately prior to the date he/she commences employment, must not have been prohibited under the Criminal Code of Canada, from driving a motor vehicle in Canada.
- d) Must be the holder of an Ontario Secondary School Diploma or equivalent as set out by the Ministry of Education.
- e) Must have a valid Class F Driver's Licence and be 18 years old.

Additional Costs

Students will be required to purchase their uniforms and crests, which can be ordered through the College, prior to the practicum experience and should budget accordingly for boots, books and supplies (approx. \$1500.00).

Employment Opportunities

Graduates may work as paramedics with an ambulance service, technical assistants in hospital emergency departments, as well as in sports injury management services and emergency response teams and transfer services.

Personal Support Worker

Length	2 Semesters
Location(s)	(PC) Timmins (KL) Kirkland Lake (HL) Haileybury
Code(s)	NORT-H136 – PC NORT-H138 – KL* NORT-H139 – HL* (*Offered based on sufficient enrolment)

Personal support workers are unregulated health care providers. They work under the supervision of a regulated health professional, supervisor, or in the supported independent living environment under the direction of the client. They provide clearly identified personal care, routine activities of daily living and home management services, by following care/service plans and established policies and procedures. Personal support workers are responsible for their work to their clients and to their employers.

equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program and must demonstrate equivalency with admission English requirements. Contact the Admissions Office at 705-235-7222 for more details.

Note: Academic prerequisites for this program may be obtained free of charge through Academic Upgrading. Refer to the Post-Secondary Preparation section in this calendar for more details.

Other Requirements for Admission to Clinical

- Physician's medical report as per guide supplied by the College
- Proof of current immunization*, including Hepatitis B; 2-step Mantoux (with follow-up chest x-ray if the Mantoux test is positive), flu vaccine.
- Current Basic Cardiac Life Support Certificate (C.P.R. - Level C).
- Standard First Aid Certificate (or equivalent)
- WHMIS Certificate (may be obtained at a minimal cost through the College)
- A recent criminal reference check – Ontario Education Services Corporation (OESC) - (within 3 months) is required prior to the start of classes in September.***

* Note: Students who do not comply with the immunization requirements will not be allowed into the practice settings and as such may not be able to complete the Practicum required to graduate from the program.

**Note: CPR re-certification, criminal reference checks and immunization updates are required annually

***Note: To be eligible for participation in clinical training, students must not have been convicted of any criminal offence for which that person has not been pardoned. An unpardoned criminal record will result in inability to participate in clinical practice courses and will prevent the student from graduating.

Note: Any costs for these tests/certifications will be the responsibility of the applicant.

Students are responsible for the cost of appropriate uniforms and equipment (e.g. watch, pen, etc.) required for the clinical area as well as transportation to practicum placements. Mask fit testing will be provided by the College prior to clinical practice.

Note: Personal Support Worker is offered based on sufficient enrolment in Moose Factory – Code NORT-H128, and in Moosonee – Code NORT-H102.

Program of Studies

Semester I

CM1913-B	Communications I
IN1013	Computer Applications I
PN1004	Nursing Practice I
PW1023	Human Relationships I
PS1163	Developmental Psychology
PW1003	Human Body Structure, Function and Basic Maintenance
PW1013	Legislation, Ethics and Principles of PSW
PW2003	Mental Health and Dementia

Semester II

PW1002	Introduction to Community Care –Theory
PW1053	Introduction to Community Care – Lab
PW2001	Clinical Practice
PW2002	Introduction to Medication Administration
PW2007	Preceptorship I
PW2013	Common Health Challenges and Care Needs
PW2017	Preceptorship II

Workers providing long term care and support services form the backbone of both community and facility services. They are often the people with whom clients/ consumers have the most contact and with whom they develop close relationships. The attitude and approach of workers and their abilities are critical to the well being, comfort, safety and health of the people they support. Education to prepare support workers assists them to develop a broad range of abilities beyond dexterity skills, which emphasizes the value of their role and reflects true sensitivity and respect for the individuality of each consumer/client.

This program was developed as part of the Ontario provincial government's plan to reform long term care and support services provided to people living at home and in long term care facilities. The Personal Support Worker Program is a two semester program consisting of theory and clinical practice in both institutional and community settings.

Employment Opportunities

Following successful completion of their program, graduates may be employed in a variety of community and institutional agencies. Personal support workers care for clients who are stable and who have clearly identified needs that are not expected to change significantly. They work under supervision and as valuable members of care/service teams; provide personal care and home management services to clients who are experiencing physical, cognitive, emotional, and behavioural challenges. They are capable of providing organized competent care for individual clients and for their assigned multi-client groups. Personal support workers may also work under the direction of the client.

Admission Requirements

Ontario Secondary School Diploma (OSSD) Grade 12 English (C, M, U)

Or equivalent.

Or mature student status (an applicant who does not have a high school diploma or

For program information:

Clint Sheehan
Program Coordinator
705-235-3211 ext. 2189
sheehanc@northern.on.ca

Practical Nursing



Northern College is a member of the Northern Partners in Practical Nursing Education (NPPNE). As one of the seven colleges in the consortium, Northern College delivers the current diploma program standards that meet the requirements of the national PN registration examination.

Note: Revisions may be made to the program format and curriculum as a result of the College's collaboration within the Northern Partners in Practical Nursing Education (NPPNE).

Northern's Practical Nursing program holds as its philosophy a set of beliefs and values based on five key concepts: the client, health, caring, nursing, and the role that teaching and learning play in enabling individuals and their families and groups to achieve health outcomes. These concepts are derived from the scope of practice described in the Nursing Act 1991 and are interrelated, interdependent and integrated throughout the curriculum.

Registered Practical Nurses work with individuals, families and groups (autonomously or in consultation with nursing and other team members) to plan, implement, and evaluate outcomes-based nursing care, services and programs that promote health and rehabilitation, prevent injury and disease, maintain and restore health, and provide palliation.

Employment Opportunities

Graduates of this program may find employment opportunities in practice settings, such as: acute care centers (hospitals), community agencies, industry, prisons, business, mental health services, clinics, medical centers, long-term care agencies and nursing homes, traveling health agencies.

Admission Requirements

Note: This program is oversubscribed and receives more than enough qualified applicants to fill the seats available. Applicants accepted into oversubscribed programs confirm their offer and pay their fees early to reserve a place in the program.

Ontario Secondary School Diploma (OSSD)

Grade 12 English (C, M, U)

Grade 11 or 12 Biology (C, M, U)

Grade 11 or 12 Chemistry (C, M, U)

Grade 11 Math (C, M, U)

Minimum overall average of 60% (average of all pre-requisite courses combined)

Computer proficiency in Microsoft Office (word processing, spreadsheets), web search engines and e-mail systems is required. Students may assess whether or not they meet the computer proficiency expectations for this program by taking the free online assessment at www.northernc.on.ca/admissions/tool.html.

Or equivalent.

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program and must demonstrate equivalency with admission requirements. Call the Admissions Office at 705-235-7222 for more details.

Note: Northern College does not offer academic testing for the Science equivalencies.

Length	4 Semesters
Location(s)	(PC) Timmins
Code(s)	NORT-H117 - PC

Graduates of Northern's two-semester Pre-Health program will be accepted into the Practical Nursing program.

Other Requirements for Admission to Clinical

Program of Studies

Semester I

BI1003 Anatomy and Physiology I
 CM1913-B Communications I
 PN1003 Nursing Theory I
 PN1004 Nursing Practice I
 PN1013 Professional Growth I
 PS1163 Developmental Psychology
 PN1033 Human Relationships
 Elective (3 credits)

Semester II

BI2013 Anatomy and Physiology II
 CM2913-B Communications II
 PN2004 Nursing Theory II
 PN2012 Nursing Practice II
 PN2023 Health Assessment
 PS1004 Introduction to Psychology

Semester III

PN1014 Pathophysiology I
 PN1022 Pharmacology I
 PN2002 Professional Growth II
 PN3003 Nursing Theory III
 PN3016 Nursing Practice III

Semester IV

PN2013 Pathophysiology II
 PN2022 Pharmacology II
 PN4004 Nursing Theory IV
 PN4016 Nursing Practice IV
 PN5010 Nursing Practice V

For program information:

Porcupine Campus
 Mireille Walsh
 Program Coordinator
 705-235-3211 ext. 2285
 walshm@northern.on.ca

Kirkland Lake and Haileybury campuses
 Kathy Whelan
 Program Coordinator
 705-567-9291 ext. 737
 whelank@northern.on.ca

- Physician's medical report as per guide supplied by the College
- Proof of current immunization*, including Hepatitis B; 2-step Mantoux (with follow-up chest x-ray if the Mantoux test is positive), flu vaccine.
- Current Basic Cardiac Life Support Certificate (C.P.R. – C with HCP content) Standard First Aid Certificate (or equivalent)
- WHMIS Certificate (may be obtained at a minimal cost through the College)
- A recent criminal reference check – Ontario Education Services Corporation (OESC) - (within 3 months) is required prior to the start of classes in September.***

* Note: Students who do not comply with the immunization requirements will not be allowed into the practice settings and as such will not be able to complete the Practicum required for graduation from the program.

**Note: CPR re-certification, criminal reference checks and immunization updates are required annually and must be completed prior to the start of classes each fall for students to be able to participate in required clinical placements.

***Note: To be eligible for participation in clinical practice, students must not have been convicted of any criminal offence for which that person has not been pardoned. An unpardoned criminal record will result in inability to participate in clinical practice courses and will prevent the student from graduating.

Note: Any costs for these tests/certifications will be the responsibility of the applicant.

Students are responsible for the cost of appropriate uniforms and equipment (e.g. stethoscope, watch, pen, etc.) required for the clinical area as well as transportation to practicum placements. Mask fit testing will be provided by the College prior to clinical practice. Upon successful completion of all courses outlined in the Program of Studies, the student is eligible to write the examination for Registered Practical Nurse credentialing as set out by the College of Nurses of Ontario. Students will be informed of the cost of this examination and it is their responsibility to pay this fee by the designated dates. Beginning in 2009, a pre-registration exam predictor test will be administered to fourth-semester students two months prior to graduation. The cost of the predictor test will be the responsibility of the student.

As of January 1, 2005, the College of Nurses of Ontario (CNO) requires all applicants for registration or reinstatement from within Canada to provide a recent Canadian Police Information Centre Criminal Record Synopsis (CPIC check) as part of the registration process. The CPIC check registration requirement enhances public protection by allowing CNO to identify those who have criminal records that could affect their suitability to practice nursing.

Note: A criminal record may impede your ability to write the National Registration Exams required for nursing employment in Canada.

Pre-Health Sciences

The Pre-Health Sciences program provides students with the opportunity to study subject areas relevant to health career programs at Northern College and affiliate partners and to instill an appreciation of the professional roles, responsibilities and academic requirements of health care disciplines. The goal of the program is to prepare men and women for their chosen health career program. Completing both semesters of this program successfully will provide the pre-requisites for entry into the Bachelor of Science – Nursing, Practical Nursing, and Paramedic programs.

Admission Requirements

Ontario Secondary School Diploma (OSSD)
Grade 12 English (C, M, U)
Grade 11 Math (C, M, U)

Or equivalent.

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program and must demonstrate equivalency to admission requirements. Contact the Admissions Office at 705-235-7222 for more details.

Note: Academic prerequisites for this program may be obtained free of charge through Academic Upgrading. Refer to the Post-Secondary Preparation section in this calendar for more details.

Note: It is strongly recommended that students entering the Pre-Health Sciences program have access to the Internet.

In this program, Biology, Chemistry and Mathematics will provide students with a solid background to satisfy the entrance requirements for Northern's Nursing Baccalaureate, RPN and Paramedic programs. Students wishing to enter into the Baccalaureate program in Nursing must have an overall GPA of 2.8 (B average) in the Pre-Health Sciences program to meet admission criteria required by university partner, Laurentian University.

Length	2 Semesters
Location(s)	(PC) Timmins (JB) Moosonee
Code(s)	NORT-H142 - PC NORT-H145 - JB* (*Offered based on sufficient enrolment)

Program of Studies

Semester I

IN1013	Computer Applications
PH1113	Human Biology I
PH1123	Chemistry I
PH1133	Mathematics for Health Sciences
PH1143	Introduction to Essay Writing & Portfolio Building
PS1044	Introduction to Psychology

Semester II

EL1003	Elective (PH2133 Physics or SW 2004 Sociology of the Family)
PH2103	Critical Thinking / Problem Solving
PH2113	Human Biology II
PH2123	Chemistry II
PH2143	Mediation / Conflict Resolution

For program information:

Dr. Clint Sheehan,
Program Coordinator
705-235-3211 ext. 2189
sheehanc@northern.on.ca

Pre-Service Firefighter Education and Training Program

Length	3 Semesters
Location(s)	(PC) Timmins
Code(s)	NORT-T085 – PC

Program of Studies

Pre-Service Firefighter students must participate in an intense two-week live burn training session at the College's live burn centre. This training occurs at the beginning of the third semester and is essential for successful completion of the program. Rescheduling is not possible and is non-negotiable.

Semester I

CM1913-B	Communications I
FF1001	Introduction to Fire Service
FF1004	Fire Ground Operations I
FF1011	Fire Behaviour and Chemistry of Combustion
FF1012	Emergency Patient Care I
FF1014	Firefighter Practice and Testing
IN1013	Computer Applications I
PR1020	Focus on Fitness
PS3023	Abnormal Psychology

Semester II

FF2001	Environmental Protection and Rescue I
FF2004	Fire Ground Operations II
FF2006	Education and Fire Prevention in the Community
FF2014	Fire Fighter Practice and Testing
FF2022	Psychology - Human Behaviour
and	Crisis Intervention II
PR2026	Focus on Fitness
	Elective - Emergency Patient Care – Advanced

Or

EL1120	Elective - Electrical and Electronics I
--------	---

Semester III

FF3007	Environmental Protection and Rescue II
FF3016	Practicum (Pre-graduate: consolidation experience) Practical Testing

For program information:

Wayne Shippam
 Program Coordinator
 705-235-3211 ext. 2121
 shippamw@northern.on.ca



The Pre-Service Firefighter Education and Training Program, while preparing students for a career in fire-fighting, features an on campus live burn training facility to provide hands on practice for students in essential fire-fighting skills. This program provides applicants with the required knowledge and skills through vocational courses in fire fighting, generic skills and general education courses in order to enhance job performance as a firefighter. Students have the opportunity to consolidate and apply theoretical knowledge through lab and field placements within regional Fire Services.

*The Ontario Association of Fire Chiefs and the Office of the Fire Marshal through the Endorsement Review Board, endorses the standardized curriculum used in the Pre-Service Firefighter Education and Training Program.

The three semesters of this program are offered consecutively from September to the first week in August.

A dress code is in effect for all lab practice sessions and field placement activities. Students are required to purchase the student fire uniforms, crests, as well as basic personal fire boots and clothing items. Cost of additional supplies with required program textbooks is approximately \$1,500.00. Fire turn-out gear will be provided by the College.

Employment Opportunities

Graduates of this program may obtain employment in industry, nuclear plants, natural resources-forest fire fighting services, airports, community firefighting services, colleges, and in rural or urban firefighting services.

Upon successful completion of this program, students who choose to pay the required \$100.00 fee can undergo provincial testing and skill-based scenarios to meet the Office of the Fire Marshal's requirements and receive a letter of achievement from the OFM.

Pre-Service Firefighter Education and Training Program continued.

After obtaining employment with a fire service, after an appropriate time period and at the discretion of the fire chief, the firefighter may then apply to the Fire College to receive the Certificate of Achievement.

Admission Requirements

Note: This program is oversubscribed and receives more than enough qualified applicants to fill the seats available. Applicants accepted into oversubscribed programs confirm their offer and pay their fees early to reserve a place in the program.

Ontario Secondary School Diploma (OSSD)

Grade 12 English (C, M, U)

Grade 11 or Grade 12 Biology (C, M, U)

Grade 11 or Grade 12 Chemistry (C, M, U)

Note: Grade 11 Math (C, M, U) is mandatory for Pre-Service Firefighter students who plan on enrolling in a Fire Education-to-Paramedic bridging program.

Or equivalent.

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program and must demonstrate equivalency to admission requirements. Call the Admissions Office at 705-235-7222 for more details.

Note: Northern College does not offer testing for the science equivalencies.

Ontario Class 'G' driver's licence recommended. It is also recommended that students attain a Class DZ driver's licence by program completion. Class DZ driver's licence is a prerequisite to employment in the fire services.

Current Basic Cardiac Life Support Certificate (C.P.R. - Level C with HCP content*) (Must be obtained prior to the start of the program.)

Standard First Aid Certificate, or equivalent. (Must be obtained prior to the start of program.)

Physician's medical report as per guide supplied by the College; immunization record including Hepatitis B; 2-step Mantoux (with follow-up chest x-ray if the T.B. test is positive).

Many fire service employers are implementing the National Fire Protection Association's (NFPA) Standard as their applicant medical requirements. This standard covers the fire department physical and medical evaluation process and provides in-depth information that will be of assistance in determining if those interested in a career in firefighting meet the medical criteria for employment. The NFPA Standard is available on-line at <http://www.northernnc.on.ca/programs/hsci/ffighter.html> Candidates for the program must be free of criminal offences in order to be allowed in the field setting. An unpardoned criminal record will result in inability to participate in clinical practice courses and will prevent the student from graduating.

A recent criminal reference check –Ontario Education Services Corporation (OESC) - (within 3 months) is required prior to the end of the first week of classes in September. Any costs for these checks will be the responsibility of the applicant.

Fees and Equipment

All Pre-Service Firefighter students must take part in a mandatory two-day orientation session the first week of September. As part of the orientation, students require aptitude testing for which there is a fee (\$50 at time of printing). Results are processed individually within two weeks and provided to each student.

Students must purchase personal items of bunker gear apparel (gloves and balaclava, bunker boots, work boots and uniforms – approximately \$500 which is included in the \$1,500 overall estimate.)