



# Programs Available to International Students

Fall 2023 Intake

# Welcome!

## Proud to be North. Proud to be Northern.

Northern College offers career enhancing education wrapped up in a memorable Northern experience.

No matter where you are, or where you want to go, we're bound to have programming options that suit your individual needs and lifestyle. Northern offers a variety of certificate, diploma, post-grad and apprenticeship programs that can be completed through full-time, part-time, in-person, or online studies. You are sure to find exactly what you're looking for when learning with us!

### **Canada's Kindest College™**

Student Services is here to help you at every step of your academic journey at Northern. From academic success to student life, our Student Advisors are enthusiastic in helping you make the most of your college experience here in Canada.

### **Campus Locations in the Heart of Northeastern Ontario**

Northern College has four campuses and additional Access Centres throughout Northeastern Ontario and the James Bay Coast. Communities in this region are friendly and welcoming places that enable an incredible quality of life. Plus, all our campuses provide easy access to the endless outdoor adventure opportunities available in our vast northern playground.

### **Scholarships, Bursaries, and Awards**

International students are encouraged to apply for Scholarships, Bursaries and Awards that are available to you to help fund your education with us. For more information, please visit [www.northernc.on.ca/foundation-bursaries](http://www.northernc.on.ca/foundation-bursaries).

## Fall 2023 Program Offering

### Campus Codes

PC: Timmins Campus - 4715 Highway 101 East, South Porcupine ON

KL: Kirkland Lake Campus - 140 Government Rd E, Kirkland Lake ON

HL: Haileybury Campus - 640 Latchford Street, Haileybury ON

Tuition & Fees below refers to the amounts for the 2022-2023 Academic Year fee rate and are subject to change without notice for the 2023-2024 Academic Year

All applicants must meet the college English proficiency requirements and must successfully graduate from High school (which is equivalent to Ontario Grade 12 High school graduation) before they apply below programs. All math requirements should be minimum 50% if there's no further explanation in the below table.

General Arts & Sciences					
Program Title Program Length	Program and Campus Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
<b>GENERAL ARTS &amp; SCIENCES (BUSINESS)</b> 2 Years/4 Semesters	G045-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 10 math
<b>GENERAL ARTS &amp; SCIENCES (English as A Second Language-ESL)</b> 1 semester	G322-PC	Certificate	\$5,445	N/A	GSE: 10-34 IELTS: Below 5.0 TOEFL: Below 48
<b>GENERAL ARTS &amp; SCIENCES (English Academic Program-EAP)</b> 1 Years/2 Semesters	G291-PC	Certificate	\$11,115	N/A	GSE: 35-44 IELTS: 5.0 TOEFL: 48-58
Community Services					
Program Title Program Length	Program and Campus Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
<b>ADDICTIONS &amp; MENTAL HEALTH WORKER</b> 2 Years/4 semesters	A151-PC	Diploma	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.0
<b>EARLY CHILDHOOD EDUCATION</b> 2 Years/4 Semesters	A003-PC	Diploma	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.0
<b>SOCIAL SERVICE WORKER</b> 2 Years/4 Semesters	A007-PC	Diploma	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.0

<b>Business and Office Administration</b>					
<b>Program Title Program Length</b>	<b>Program and Campus Code</b>	<b>Credential Earned</b>	<b>First Year Tuition Fees Estimate</b>	<b>Program Specific Coop/Intern Work Permit requirement</b>	<b>Admission Requirements</b>
♦ <b>BUSINESS AGRICULTURE</b> 2 Years/4 Semesters	B316-KL	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 math or equivalent
♦ <b>BUSINESS AGRICULTURE</b> 2 Years/4 Semesters	B327-KL (Coop)	Diploma	\$15,670	✓ +Coop/Intern Work Permit	IELTS 6.0 Grade 12 math or equivalent
♦ <b>PROJECT MANAGEMENT</b> 1 Year/2 Semesters	B290-PC	Post- graduate Certificate	\$15,670	Coop/Intern Work Permit	IELTS 6.5 Overall Each Band No Less than 6.0 Degree
♦ <b>LAW CLERK 2 Years/4 Semesters</b>	B256-HL	Diploma	\$15,727.94	Coop/Intern Work Permit	IELTS 6.0
<b>BUSINESS FUNDAMENTALS</b> 1 Years/2 Semesters	B287S-PC B288S-KL B289S-HL	Certificate	\$15,727.94	N/A	IELTS 6.0 Grade 11 math 50% minimum or equivalent
<b>BUSINESS GENERAL</b> 2 Years/4 Semesters	B005-PC B028-KL B026-HL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 11 math or equivalent
<b>BUSINESS MARKETING</b> 2 Years/4 Semesters	B007-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 11 math or equivalent
<b>BUSINESS ACCOUNTING</b> 2 Years/4 Semesters	B006-PC B104-KL B095-HL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 11 math or equivalent
<b>BUSINESS HUMAN RESOURCES</b> 2 Years/4 Semesters	B111-PC B113-KL B114-HL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 11 math or equivalent
<b>OFFICE ADMINISTRATION- EXECUTIVE 2 Years/4 Semesters</b>	B012-PC B275-HL B276-KL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 11 math or equivalent
<b>OFFICE ADMINISTRATION- GENERAL 1 YEAR/2 Semesters</b>	B011-PC B025-HL B027-KL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 11 math or equivalent
<b>GLOBAL BUSINESS ENTREPRENEURSHIP AND TECHNOLOGY 2 Years/4 Semesters</b>	B303-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 11 math or equivalent
<b>GLOBAL BUSINESS ENTREPRENEURSHIP AND TECHNOLOGY 1 Year/2 Semesters</b>	B313-PC	Post- Graduate Certificate	\$15,670	N/A	IELTS 6.0 Three-Year Diploma/Degree
<b>SUPPLY CHAIN MANAGEMENT</b> 2 Years/4 Semesters	B307-PC	Post- Graduate Certificate	\$15,670	Coop/Intern Work Permit	IELTS 6.0 (no band less than 6), Degree or Diploma

<b>INFORMATION SYSTEM BUSINESS ANALYSIS 1 Year/2 Semesters</b>	B305-PC	Post-Graduate Certificate	\$15,670	N/A	IELTS 6.0 (no band less than 6.0) Diploma/Degree
<b>Veterinary Sciences</b>					
Program Title Program Length	Program and Campus Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
<b>VETERINARY ASSISTANT 1 Year / 2 Semesters</b>	H057-HL	Certificate	\$15,759.94	✓+Coop/Intern Work Permit	IELTS 6.0 Grade 11 Biology
<b>VETERINARY TECHNICIAN 2 Years/4 semesters</b>	H058-HL	Diploma	\$15,719.94	✓+Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math, Biology, and Chemistry, 60%+ each of the three
<b>VETERINARY TECHNOLOGIST-WILDLIFE REHABILITATION 3 Years/6 semesters</b>	H134-HL (H058 First two years)	Advanced Diploma	\$15,719.94	✓+Coop/Intern Work Permit	IELTS 6.0, Grade 12 Math, Biology, and Chemistry, 60%+ each of the three
<b>ANIMAL GROOMING 1 Year /2 Semesters</b>	H133-HL	Certificate	\$15,809.94	✓	IELTS 6.0
<b>Health Sciences and Emergency Services</b>					
Program Title Program Length	Campus and Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
<b>♦FITNESS AND HEALTH PROMOTION 2 Years/4 Semesters</b>	H169-PC	Diploma	\$15,670	✓	IELTS 6.0 Minimum 70% in grade 12 Biology, or Physics or Chemistry
<b>POLICE FOUNDATIONS ** 2 Years/4 Semesters</b>	A227-PC	Diploma	\$15,670	✓	IELTS 6.0
<b>PARAMEDIC 2 Years/4 Semesters</b>	H099-PC	Diploma	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.5 Grade 12 Math, Biology, Chemistry - 70% each course
<b>EMERGENCY MANAGEMENT, TERRORISM AND PANDEMIC RESPONSE 1 Year / 2 Semesters</b>	H101-PC	Post-Graduate Certificate	\$15,670	N/A	IELTS 6.5 Three-year diploma/Degree
<b>HEALTHCARE MANAGEMENT 1 Year/2 Semesters</b>	H167-KL H159-HL	Post-Graduate Certificate	\$15,727.94	N/A	IELTS 6.5 Three-year diploma/Degree
<b>PRACTICAL NURSING 2 Years/ 4 Semesters</b>	H117-PC	Diploma	\$17,289.94	✓+Coop/Intern Work Permit	IELTS 6.5 Grade 12 Math, Biology, Chemistry, 65% each course

<b>PERSONAL SUPPORT WORKER</b> 1 Years/2 Semesters	H136-PC H139-HL H138-KL	Certificate	\$15,685.94	✓+Coop/Intern Work Permit	IELTS 6.5
<b>MEDICAL LABORATORY TECHNICIAN** 1 Year /3 Semesters</b>	H150-PC	Certificate	\$20,164.94	✓+Coop/Intern Work Permit	IELTS 6.5 Grade 12 Math, Biology, Chemistry, 50% each
<b>PRE-SERVICE FIREFIGHTER EDUCATION AND TRAINING</b> 1 Year /3 Semesters	T085-PC	Certificate	\$20,164.94	✓	IELTS 6.0
<b>BACHELOR OF SCIENCE IN NURSING (BScN)</b> 4 Years/8 Semesters	H112-PC	Degree	\$27,259.94	✓+Coop/Intern Work Permit	IELTS 6.5 Grade 12 Math, Biology, Chemistry, plus 2 other subjects - 75% of each of the five
<b>Engineering Technology and Trades</b>					
Program Title Program Length	Program and Campus Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
<b>INSTRUMENTATION AND CONTROL ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	M001-HL	Diploma	\$15,727.94	N/A	IELTS 6.5 Grade 12 Math or Equivalent
<b>MINING ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	M044-PC	Diploma	\$15,977.94	✓	IELTS 6.0 Grade 12 Math or Equivalent
<b>ELECTRICAL ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	T007-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math or Equivalent
<b>ENVIRONMENTAL TECHNICIAN - WATER AND WASTEWATER SYSTEMS OPERATIONS (Non- Coop) 2 Years/4 Semesters</b>	T090-KL	Diploma	\$16,330	✓	IELTS 6.0 Grade 12 Math or Equivalent
<b>COMPUTER ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	T100-PC T103-KL	Diploma	\$15,670	✓	IELTS 6.0 Grade 12 Math or Equivalent
<b>♦COMPUTER PROGRAMMING</b> 2 Years/4 Semesters	T115-PC	Diploma	\$15,670	✓	IELTS 6.0 Grade 12 Math or Equivalent
<b>♦CYBER SECURITY</b> 2 Years/4 Semesters	T200	Post Graduate Certificate	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.0 (no band less than 6) Degree
<b>BACHELOR OF COMPUTER SCIENCE 3 YEARS/7 Semesters</b>	T100AU-PC	Diploma & Degree	\$17,250 (the first two semesters)	✓	IELTS 6.0 Grade 12 Math or Equivalent

<b>MOTIVE POWER TECHNICIAN - AUTOMOTIVE SERVICE 2 Years/4 Semesters</b>	T110-PC	Diploma	\$15,706.94	Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math or Equivalent
<b>MOTIVE POWER TECHNICIAN - HEAVY EQUIPMENT 2 Years/ 4 Semesters</b>	T121-PC	Diploma	\$15,706.94	Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math or Equivalent
<b>MECHANICAL TECHNICIAN- INDUSTRIAL MILLWRIGHT 2 Years/ 4 Semesters</b>	T122-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math or Equivalent
<b>MECHANICAL ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	W110-PC	Diploma	\$15,670	✓	IELTS 6.0 Grade 12 Math or Equivalent
<b>CONSTRUCTION ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	T067-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math or Equivalent
<b>CIVIL ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	T016-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math or Equivalent

### Welding Engineering Technology

Program Title Program Length	Program and Campus Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
<b>WELDING ENGINEERING TECHNICIAN INSPECTION 2 Years/4 Semesters</b>	W010-KL	Diploma	\$15,670	✓	IELTS 6.0 Grade 12 Math or Equivalent
<b>WELDING ENGINEERING TECHNICIAN INSPECTION (Co-op) 2 Years/6 Semesters</b>	W138-KL	Diploma	\$15,960.94	✓+Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math or Equivalent
<b>MECHANICAL TECHNICIAN – WELDING FITTER 1 Years/3 semesters</b>	W251-KL	Diploma	\$26,378.94	✓	IELTS 6.0 Grade 12 Math or Equivalent

### Additional Admission Requirements Details

#### ➤ English Proficiency Requirements

- IELTS - International English Language Tests** (Academic - taken within the last 2 years)  
 IELTS 6.0 - Minimum overall score of 6.0 with one band could be 5.5 (most certificates and diploma programs)  
 IELTS 6.5 - Minimum overall score of 6.5 with no band lower than a 6.0 (most post-grad or high demanding programs)
- PTE - Pearson Test of English** (Academic)  
 Diploma or Certificate programs: 58+  
 Post-Graduate Certificate or Diploma programs: 60+
- TOEFL - Test of English as a Foreign Language**

- A score of 550 paper and 213 computer-based; 79-IBT
4. Native English speakers or applicants who have/had English as the medium of instruction of all their school education might be considered to waive English proficiency requirements if they meet our requirements. Please contact [admissions@northern.on.ca](mailto:admissions@northern.on.ca) for inquiries.

Please visit <https://www.northerncollege.ca/international/> for the most up-to-date college admission information.

- **Scholarships, Bursaries and Awards for International Students**  
 International students who are enrolled in the college can apply online for a long list of scholarships, bursaries and awards in both the Fall and Winter semester of any academic year. The Application system opens on the first day of classes in September and in January and closes three weeks later the last Friday of the Month. Please refer to the information via <https://www.northerncollege.ca/students/bursaries/>
- **Program Specific Admission Requirements ( ✓ )**  
 Programs with ✓ have additional mandatory requirements, such as non-academic requirements, documentation, or equipment that must be provided by students for your studies and to complete the program. Please visit [www.northernc.on.ca/admissions-packages](http://www.northernc.on.ca/admissions-packages) for more information. Failing to provide the additional program specific requirements by the required dates may result in not being able to successfully complete their program as scheduled.
- **Academic Requirements ( \*\* )**  
 Programs with \*\* have additional academic requirements to be accepted into the program, such as Biology, Chemistry, Physics, electives or specified minimum course grades. Please visit: <https://www.northerncollege.ca/international/> for more details on academic admission requirements for your program of study.
- **New Program ( ♦ )**
- **Co-op/Intern Work Permit Required**  
 Programs require students to apply and get a coop/intern work permit to work for your field placements, internship, or co-op work term. Please check page 4 of your offer letter to see if you need apply the coop/intern work permit for your program study or not.

### Additional Expenses

In addition to your tuition and fees, you can expect the following expenses for a place to live (accommodations), food, and a way to get to classes and to work (transportation) during your time in Canada. The following is an approximate breakdown of the cost of living for a one-year period (12 months) for students studying in Canada living on your own:

Room & Board: Approximately \$750/month (\$9,000)

Transportation (bus/taxi): Approximately \$20/week (\$960)

Miscellaneous: Approximately \$20/week (\$960)

Books & Supplies: Approximately \$1,400

Bring Your Own Devices (BYOD): Approximately \$1,200 (Please refer to

<https://www.northerncollege.ca/students/services/technology/> for more details on the BYOD policy).

### Device Requirements for Engineering Programs

- Intel I7 or equivalent processor
- Minimum 12GB of RAM (16 GB recommended)
- Minimum 512 GB HD
- Minimum of 2 full size USB3 ports
- HDMI port
- Wireless 802.11ac dual band 2.4 and 5 GHz
- Built-in webcam and microphone
- Windows 10 or 11



Thank you for choosing to learn with us here at Northern College, Canada.

We look forward to studying with you!

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## Project Management

(1 Year, 2 semesters post-graduate certificate program)

**Credential: Ontario College Post-Graduate Certificate**

**Duration: 1 Year**

**Program Code: B290-PC**

**Campus: Timmins**

**Intake: Fall 2023**

### Program Overview

The Project Management program is an innovative program providing students with highly marketable skills in overall project management and leadership. Project managers plan, organize, direct, control and evaluate the activities of organizations that analyze, design, develop, implement, operate and administer a variety of projects. They are employed throughout the public and private sectors.

Graduates of this program will learn how to initiate, plan, monitor and control projects through to successful completion. They acquire the competencies to lead diverse project teams within a broad range of sectors in public, private and not-for-profit settings while applying content-specific knowledge of their previous studies and experiences.

### Curriculum

- BU4113 Project Management Fundamentals
- BU1523 Business Communications
- BU1443 Project Scheduling
- GN1443 Canadian Indigenous History and Relations
- BU1483 Project Cost and Finance Management
- BU1453 Project Risk Management
- BU1513 General Business Principles
- BU1463 Project Planning
- BU2073 Career Planning and Professional Skills
- BU1473 Project Leadership
- BU1493 Procurement and Contract Management
- BU1467 Project Management Capstone

### Occupational Areas

The Project Management Institute (PMI) predicts a 33% growth rate for the Project Management (PM) labour force between 2017-2027 across 11 countries, including Canada (Project Management institute, 2017). Within Ontario, the provincial government foresees an above average employment outlook for project managers working within the construction industry between 2017-2021, with job growth predicted to be 10.1-11% in the field (Government of Ontario, n.d.).

### International Student Admission Requirements

1. Ontario equivalent of a three-year college diploma/university degree
2. IELTS (Academic): overall 6.5 with no band less than 6

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## Business Agriculture

**Credential: Ontario College Diploma**

**Duration: 2 Years**

**Program Code: B316 (non-coop); B327 (Co-op)**

**Campus: Kirkland Lake**

**Intake: Fall 2023**

### Program Overview

Northern College in conjunction with Algonquin College offers a two-year Business - Agriculture Ontario College Diploma program which combines agriculture with business and management training, providing you with the skills necessary to successfully operate a farming operation, or to provide services to agricultural businesses.

Through this program, you examine agricultural techniques through a business lens. With a focus on: developing fundamental research, financial and operations skills to evaluate farm production methodologies technologies and systems in order to inform business decisions. You have opportunities to apply your knowledge and skills through activities, simulations, case studies and interactions with professionals in active farm operations.

### Curriculum

<ul style="list-style-type: none"> <li>• IN1173 Computer Applications for Business I</li> </ul>	<ul style="list-style-type: none"> <li>• Bu1363 Introduction to Business Concepts</li> </ul>	<ul style="list-style-type: none"> <li>• CM1903 Communications I-Model A</li> </ul>
<ul style="list-style-type: none"> <li>• MA1024 Business Math I</li> </ul>	<ul style="list-style-type: none"> <li>• HOR9100 Plant, Soil and Fertilization</li> </ul>	<ul style="list-style-type: none"> <li>• LAW9100 Farm Safety &amp; Biosecurity Regulations</li> </ul>
<ul style="list-style-type: none"> <li>• MR3063 Professional Selling</li> </ul>	<ul style="list-style-type: none"> <li>• EL2003 General Education Electives II</li> </ul>	<ul style="list-style-type: none"> <li>• HOR9201 Crop Production Management</li> </ul>
<ul style="list-style-type: none"> <li>• LAW9200 Legislation and Agriculture</li> </ul>	<ul style="list-style-type: none"> <li>• MGT9200 Equipment and Asset Management</li> </ul>	<ul style="list-style-type: none"> <li>• SCI9200 Animal Health and Nutrition</li> </ul>
<ul style="list-style-type: none"> <li>• AC1034 Introduction to Financial Accounting</li> </ul>	<ul style="list-style-type: none"> <li>• BU4033 Microeconomics</li> </ul>	<ul style="list-style-type: none"> <li>• ENV9300 Sustainable Practices in Agriculture</li> </ul>
<ul style="list-style-type: none"> <li>• HOR9301 Pest, Disease and Weed Management</li> </ul>	<ul style="list-style-type: none"> <li>• BUS9400 Dairy Production Management</li> </ul>	<ul style="list-style-type: none"> <li>• HOR9302 Fruits and Vegetables Management</li> </ul>
<ul style="list-style-type: none"> <li>• EL3003 General Education Elective III</li> </ul>	<ul style="list-style-type: none"> <li>• CM2903 Communications II-Model A</li> </ul>	<ul style="list-style-type: none"> <li>• BU4113 Project Management</li> </ul>
<ul style="list-style-type: none"> <li>• Leading Responsibility</li> </ul>	<ul style="list-style-type: none"> <li>• BUS9300 Livestock Business Operation</li> </ul>	<ul style="list-style-type: none"> <li>• ACC9400 Accounting for Agribusiness</li> </ul>
<ul style="list-style-type: none"> <li>• MGT9405 Directed Project in Agriculture</li> </ul>	<ul style="list-style-type: none"> <li>• BU3153 Business Planning</li> </ul>	<ul style="list-style-type: none"> <li>• BU6011 Work Placement (600 hours)</li> </ul>

### \*\*\*Coop Term

Students also have the option to gain real-world experience through a paid co-operative education (co-op) work term (see Additional Information for more details). Please note that places in the co-op version of the program are subject to availability. Students who elect to apply to the non co-op version of the program may **NOT** have the opportunity to transfer to the co-op version at a later date.

**Employment Opportunities**

Graduates may seek employment in entry-level farming positions or as entrepreneurs.

Graduates may also seek entry-level employment in a variety of companies and organizations that provide services in the agricultural sector, including businesses providing agricultural supplies, feed, banking, accounting or logistical services, process improvement or animal care support, equipment and maintenance sales and services

**International Admission Requirements**

1. English Proficiency, we will require one of the following:

IELT Academic– International English Language Testing System

a minimum overall score of 6.0 must be achieved with no individual band score under 6.0; however, we will accept one band at 5.5.

TOEFL (Test of English as a Foreign Language) – Computer-based overall minimum score of 79

PTE (Pearson Test of English) Academic – Graduate Diploma: 58+

NOTE: If your country of citizenship has English as its official language, we may accept alternate proof of English Proficiency

2. Proof of senior high school Diploma/Certificate with an equivalent Grade 12 Mathematics (50% min.) and/or Business/commerce stream.

\*\*\*\*All educational documents must be submitted in English and will be dependant on the country of citizenship.

For more information, contact the international admission office directly at [admissions@northern.on.ca](mailto:admissions@northern.on.ca)

Please refer to the detailed program information via <https://www.northerncollege.ca/program/business-agriculture/>

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## **Fitness and Health Promotion**

**Credential: Ontario College Diploma**

**Program Code: H164**

**Duration: 2 Years**

**Campus: Timmins**

**Intake: Fall 2023**

**Program Overview**

The job market for fitness professionals is undergoing many changes, as are many of the human services occupational practice environments today. There is a growing demand for and need for the provision of fitness coaching and instruction, and leisure programs that emphasize active living. This has imposed new and increased responsibilities for the agencies and individuals who provide service delivery. With an aging population and increased obesity in the population in general and children, many medical and allied health practitioners are promoting the benefits of an active and healthy lifestyle. This places an emphasis on finding leisure or fitness programs for health-conscious individuals to join or seeking workouts with a trained fitness professional (certified personal trainer, instructor or coach).

**Curriculum**

<ul style="list-style-type: none"> <li>FH1001 Musculoskeletal Anatomy</li> </ul>	<ul style="list-style-type: none"> <li>FH1002 Physiology</li> </ul>	<ul style="list-style-type: none"> <li>Fitness Assessment I</li> </ul>
<ul style="list-style-type: none"> <li>FH1004 Group Exercise I</li> </ul>	<ul style="list-style-type: none"> <li>FH1005 Math and Business for Health and Fitness Professionals</li> </ul>	<ul style="list-style-type: none"> <li>CM1913 Communication I- Model B</li> </ul>
<ul style="list-style-type: none"> <li>GEN EDI-General Elective I</li> </ul>	<ul style="list-style-type: none"> <li>FH2001-Introduction to Health Wellness</li> </ul>	<ul style="list-style-type: none"> <li>Nutrition</li> </ul>
<ul style="list-style-type: none"> <li>Exercise Physiology</li> </ul>	<ul style="list-style-type: none"> <li>FH2007 Exercise Prescriptions I</li> </ul>	<ul style="list-style-type: none"> <li>FH2004 Group Exercise II</li> </ul>
<ul style="list-style-type: none"> <li>FH2006 Career Preparation Skills</li> </ul>	<ul style="list-style-type: none"> <li>FH2003 Fitness Assessment II</li> </ul>	<ul style="list-style-type: none"> <li>FH3001 Therapeutic Exercise and Injury Management</li> </ul>
<ul style="list-style-type: none"> <li>FH3002 Counselling, Communication and Behavioural Change</li> </ul>	<ul style="list-style-type: none"> <li>FH3003 Exercise for Specific Populations</li> </ul>	<ul style="list-style-type: none"> <li>FH3004 Community Event Planning</li> </ul>
<ul style="list-style-type: none"> <li>FH3005 Internship Preparation</li> </ul>	<ul style="list-style-type: none"> <li>GEN ED 2-General Elective II</li> </ul>	<ul style="list-style-type: none"> <li>FH4002 Applied Nutrition</li> </ul>
<ul style="list-style-type: none"> <li>FH4003 Exercise Prescription II</li> </ul>	<ul style="list-style-type: none"> <li>FH4004 Health and Fitness Management</li> </ul>	<ul style="list-style-type: none"> <li>FH4005 Outdoor Recreation and Fitness</li> </ul>

**International Admission Requirements**

- Grade 12 High School graduation, with a minimum grade of 70 or above in grade 12 biology, or physics or chemistry.
- A minimum TOEFL score of 550 (paper based) or 80 (internet based with no single band score below 20) or IELTS with an overall minimum score of 6.0 (with no single band score below 5.5) or CAEL (Canadian Academic English Language Assessment) with an overall band score of 60.
- IELTS (academic) overall 6.0 with one band could be 5.5
- Grade 12 High school diploma or equivalent
- This program includes a physical fitness component and requires that students perform cardio-respiratory endurance, muscular strength and endurance, and flexibility exercises. Additional activities include group exercise, outdoor recreation, and other various forms of physical activity. Students must, therefore, complete a **Physical Activity Readiness Questionnaire for Everyone (PAR-Q+)** and/or a **Physical Activity Readiness Medical Examination (PARMED-X)** and an **Informed Consent form**. Prospective students with health-related concerns that may affect their ability to participate in physical activities are encouraged to complete the aforementioned forms before beginning the program and contact the program coordinator to discuss potential assignment modifications as required.

## Computer Programming

**Credential: Ontario College Diploma**  
**Program Code: T115PC**

**Duration: 2 Years**  
**Campus: Timmins**

**Intake: Fall 2023**

### Program Overview

The two-year Computer Programming Ontario College Diploma program prepares you for a career in software development. The program also specializes in program development strategies (using object-oriented modelling), database design and database administration. Use leading industry software products such as Oracle and CASE tools. Learn about programming languages such as Java, SQL and PHP. Study object-oriented analysis and design, operating systems and coding in integrated environments, and learn how to debug, test, and maintain code. In your final semester, participate in a software development project working with external clients to gain real-world experience in the programming field.

### ➤ Curriculum

• IN1104 IT Essentials I	• IN1044 Introduction to Programming	• IN3193 Databased Management
• CM1903 Database Management	• CM1903 Communications I	• MA1100 Mathematics I
• GN2133 Law and Ethics	• IN2343 Intermediate Programming	• IN3094 Linux Server Administration
• CM2903 Communications II	• IN2001 Database System	• GN2000 General Education Course
• CST2234 System Analysis and Design	• CST2335-Mobile Graphical Interface Programming	• CST8109 Network Programming
• CST8288 Object Oriented Programming with Design Patterns	• CST8390 Business Intelligence and Data Analytics	• GN3000 General Education Course
• CST8276 Advanced Database Topics	• CST8277 Enterprise Application Programming	• CST8333 Programming Language Research Project
• CST8334 Software Development Project	• GN4000 General Education Course	

### ➤ Career Opportunities

Graduates may work in a variety of different fields, as almost all sectors of industry require computer programmers. You may be employed as a(n):

- Software programmer

- Web programmer
- Business programmer
- Application programmer

Graduates may also find opportunities in database design and database administration

➤ **International Admission Requirements**

- IELTS (academic) overall 6.0 (one band could be 5.5)
- High school graduation with grade 12 math

## Law Clerk

**Credential: Ontario College Diploma**

**Program Code: B256HL**

**Duration: 2 Years**

**Campus: Haileybury**

**Intake: Fall 2023**

**Program Overview**

Northern's two-year Law Clerk program has built-in flexibility as you gear up for a career as a legal assistant in a law office, or government or industry legal department. Focusing on real estate, wills, estates, and family law and litigation, you'll learn how to conduct advanced legal research, navigate conflicts of interest, and interview clients to assess the truthfulness of a claim. You'll get up to speed on legal terminology, master law office management, and even get a crash course in civil and criminal litigation.

What's more, you'll also improve your written and verbal communication skills. And ultimately put it all to the test in a fieldwork placement in the working world.

➤ **Curriculum**

• <b>LC1013 Law Office Management</b>	• <b>LC1033 Legal Computing</b>	• <b>LC1063 Introduction to Real Estate Law</b>
• <b>LC3093 Estate Law</b>	• <b>PL1053 Legal Communications</b>	• <b>PL4023 Criminal Law</b>
• <b>LC2033 Legal Software</b>	• <b>LC2043 Family Law</b>	• <b>LC2083 Legal Interview</b>
• <b>PL2053 Canadian Law</b>	• <b>PL2063 Legal Ethics</b>	• <b>AC1104 Legal Accounting</b>
• <b>LC3083 Litigation Law</b>	• <b>LC3103 Corporate Law Procedures</b>	• <b>PL1063 Torts and Contracts</b>
• <b>PL3003 Provincial Offences</b>	• <b>LC3001 Fieldwork Placement</b>	• <b>LC2063 Real Estate Law II</b>
• <b>LC3033 Debtor-Creditor Procedures</b>	• <b>LC7033 Landlord Tenant Law</b>	• <b>PL2023 Employment Law</b>
• <b>PL4003 Legal Research</b>		

➤ **Career opportunities**

Students graduating from a law clerk program comes with many job opportunities whether it is working for a law firm, the government or a business as corporate law clerk, family law clerk, litigation law clerk, real estate law clerk, legal support positions etc.

➤ **Admission Requirements**

- IELTS (academic) overall 6.0 with one band could be 5.5
- Grade 12 high school graduation or equivalent

## Cyber Security

**Credential: Post-Graduate Certificate**

**Program Code: T200**

**Duration: 2 Years (4 semesters)**

**Campus: Timmins**

**Intake: Fall 2023**

**Program Overview**

This 2-year Ontario College Graduate Certificate in Cybersecurity prepares graduates to take on exciting and challenging positions within organizations that increasingly have realized their need to secure information. This program takes a hands-on approach through lab activities, project work, and case study analysis.

The program combines technical skill-building on topics that include ethical hacking, network security, incident response, forensics, and cloud security. This curriculum will further broaden students' leadership skills in the areas of risk analysis, vulnerability management, and cybersecurity law and ethics. Students will also gain real-world experience through a co-operative education work term.

➤ **Curriculum**

• CY1001-Networking Fundamentals	• CY1002-Linux Server Fundamentals	• CY1003-Windows server Fundamentals
• CY1004-Information Security Fundamentals	• Scripting Fundamentals	• CY2001-Insitution Detection and Prevention
• CY2022-Ehtical Hacking	• CY2003-Digital Forensics	• CY2004-Cloud Security
• CY2005-Cybersecurity Risk Management	• CY3001-Network Security Fundamentals	• Cybersecurity Law and Ethics
• CY3003-Network Forensics and Incident Response	• CY3004-Vulnerability Management Fundamentals	• CY3005 Security Operations Center Fundamentals
• CY4000-Cybersecurity Work Term/Capstone		

➤ **Career opportunities**

Upon completion of the program, students will be able to efficiently manage security in an organization through the application of cybersecurity controls designed to identify, protect, detect, respond, and recover.

Graduates will also be prepared to attain certifications including CompTIA Security+ and PenTest+, (ISC)<sup>2</sup> SSCP, and EC-Council's CEH.

➤ **Curriculum Admission Requirements**

- IELTS (academic) overall 6.0 with one band could be 6.0
- Degree or equivalent in information technology or computer studies

## English as a Second Language (ESL 1)

**Program Length:** One Semester (15 weeks)

**Program Code:** PC=G322

**Credential Earned:** Northern College Board Certificate Program

**Semester Intake:** Fall 2023 (Program Starts September 5<sup>th</sup>, 2023)

❖ **Program Courses:**

Semester	Course Code/Name	Hours	Passing Grade
1	EG1013 ESL Listening and Speaking	45	60
1	EG1023 ESL Reading I	45	60
1	EG1033 ESL Writing I	45	60
1	EG1043 ESL Grammar I	45	60
1	EG1003 ESL Integrated Skills I	45	60

❖ **ESL Fee costs:**

- Pearson Versant Placement Test: \$40/student (for students who do not have a valid IELTS/TOEFL result and want to take the virtual Pearson Versant English placement test organized by the college).
- Tuition fee: \$4,500
- Student Ancillary Fee: \$900 including:
  - Fees charged to support services and activities
  - International Insurance: \$765.00/year for international students who will study the program in Canada

*\*Please be advised that the above fee information might be subject to change without further notice.*

❖ **Delivery Format:** *Online Delivery (September 2023)*

## GAS EAP (ENGLISH ACADEMIC PROGRAM) (ESL 2)

**Program Length:** One Year/2 Semesters

**Program Code:** PC=G291

**Credential Earned:** Northern College Board Certificate Program

**Semester Intake:** Fall 2023 (Program Starts September 5<sup>th</sup>, 2023)

**Program Courses:**



Course	Description
CM1933	Enhanced Communications I is a practical class designed to help non-native English speakers improve their English skills so that they can successfully complete their college program of choice.
EG2013	Students continue to build their listening and speaking skills. Through teacher instructions and small group listening and speaking activities, students continue to develop listening strategies and the ability to speak about familiar topics in a variety of situations.
EG2023	Students improve their reading comprehension skills and continue to develop reading strategies. Students read a variety of short texts and continue to build vocabulary.
EG2033	Students continue to develop grammar and sentence structure skills. They write coherent and organized paragraphs, using a combination of simple, compound and complex sentences.
EG2043	
CM2933	Enhanced Communications II is a practical class designed to help non-native English speakers improve their English skills so that they can successfully complete their college program of choice.
EG2003	Students continue to develop and integrate listening, speaking, reading, and writing skills. English for routine everyday social contexts in Canadian life is taught and practiced. Through in-class and online study, students improve their overall English skills to enhance general communication.
EG3033	
EG3043	
IN1093	In this course, students will gain practical experience with the essential features of Microsoft Office - MS Word, MS Excel, and MS PowerPoint to enhance their communication and analytical skills. Basic computer skills are required as prerequisite. Students gain practical knowledge that can be applied directly to the workplace setting.

❖ **GAS EAP costs:**

- Pearson Versant Placement Test: \$40/student (for students who have to take the placement test).
- Tuition fee: \$4,900/semester, 2 semesters, and student ancillary fee in total \$11,115.00
- Student Ancillary Fee: \$1,315.00/year including:
  - Fees charged to support services and activities
  - International Insurance: \$765.00/year for single international students who will study the program in Canada

*\*Please be advised that the above fee information might be subject to change without further notice.*

❖ **Delivery Format: Online**

### ESL and EAP Program Admission

#### Breakdown of ESL/EAP Student Placement depending on Versant English Test (GSE)/IELTS score

	<b>GSE/IELTS Score</b>
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	<b>GSE: 10-34 IELTS: Below 5.0</b>	<b>GSE: 35-44 IELTS: 5.0</b>	<b>GSE: 45-54 IELTS: 5.5</b>	<b>GSE: 55-64 IELTS: 6.0</b>	<b>GSE: 65 and above IELTS: 6.5</b>
<b>Educational Path Based on English Proficiency</b>	1) 1-semester ESL program (ESL1)+ 2) 1-year GAS EAP program (semesters 1 and 2) (ESL 2) + 3) College program of choice	1) 1-year GAS EAP program (semesters 1 and 2) (ESL2) + 2) College program of choice	1) Second semester of the GAS EAP Program only (ESL 3) + 2) College program of choice	1) College program of choice + 2) Mandatory Enhanced Communications I and II (CM1933 and CM2933)	1) College program of choice + 2) Enhanced Communications I and II not required
<b>Option for Implementation – To Be Determined</b>					
	Non-SDS Students who score between <u>a 31 and 34 on the GSE</u> will have option for an interview to determine if they can bypass ESL.	Non-SDS Students who score between <u>a 41 and 44 on the GSE</u> will have option for an interview to determine if they can bypass the first semester of EAP.	Non-SDS Students who score between a <u>51 and 54 on the GSE</u> will have option for an interview to determine if they can bypass both ESL and EAP.		

### ❖ Application

Please refer to the application instruction via <http://www.northernc.on.ca/international-applications/>. Once we receive your complete application and you meet the admission requirements, an offer letter (or Letter of Acceptance) will be issued to you. Students then must pay the tuition fee within the expiration date on your offer letter (usually two to three weeks) so that we can conserve the seat for you.

### ❖ Student Visa

These programs will be offered online Summer 2023 intake. You can study online from your home. For any students who want to travel to Canada, you must apply for a study visa first and obtain the approval prior to the start of your program. Please refer to the information about visa application:

<https://www.canada.ca/en/immigration-refugees-citizenship/services/study-canada/study-permit.html>

Once you obtain your study visa approval and want to travel to Canada, please contact

[international@northern.on.ca](mailto:international@northern.on.ca) for travel support documents. \*Please be advised that you will **not be able to**

**work off-campus** when you study in the ESL program. You could only work off-campus after your complete your ESL program and start another academic program study. Please refer to the information:

<https://www.canada.ca/en/immigration-refugees-citizenship/services/study-canada/work/work-off-campus.html>

### ❖ Contact Us:

If you have any questions about this program, please feel free to contact [admissions@northern.on.ca](mailto:admissions@northern.on.ca) or our recruitment officers in your region:

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