



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.

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
GENERAL ARTS & SCIENCES (BUSINESS) 2 Years/4 Semesters	G045-PC	Diploma	\$15,670	N/A	IELTS 6.0
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
ADDICTIONS & MENTAL HEALTH WORKER 2 Years/4 semesters	A151-PC	Diploma	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.0
EARLY CHILDHOOD EDUCATION 2 Years/4 Semesters	A003-PC	Diploma	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.0
SOCIAL SERVICE WORKER 2 Years/4 Semesters	A007-PC	Diploma	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.0
Business and Office Administration					
Program Title Program Length	Program and Campus Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
♦ BUSINESS AGRICULTURE 2 Years/4 Semesters	B316-KL	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 math/Acc/Eco

♦ BUSINESS AGRICULTURE 2 Years/4 Semesters	B327-Coop	Diploma	\$15,670	✓ +Coop/Intern Work Permit	IELTS 6.0 Grade 12 math/Acc/Eco 50% minimum
♦ PROJECT MANAGEMENT 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
♦ LAW CLERK 2 Years/4 Semesters	B256-HL	Diploma	\$15,727.94	Coop/Intern Work Permit	IELTS 6.0
BUSINESS FUNDAMENTALS 1 Years/2 Semesters	B287S-PC B288S-KL B289S-HL	Certificate	\$15,727.94	N/A	IELTS 6.0 Grade 12 Acc/Eco
BUSINESS GENERAL 2 Years/4 Semesters	B005-PC B028-KL B026-HL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 12 Acc/Eco
BUSINESS MARKETING 2 Years/4 Semesters	B007-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Acc/Eco
BUSINESS ACCOUNTING 2 Years/4 Semesters	B006-PC B104-KL B095-HL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 12 Acc
BUSINESS HUMAN RESOURCES 2 Years/4 Semesters	B111-PC B113-KL B114-HL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 12 Acc/Eco
OFFICE ADMINISTRATION- EXECUTIVE 2 Years/4 Semesters	B012-PC B275-HL B276-KL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 12 Acc/Eco
OFFICE ADMINISTRATION- GENERAL 1 YEAR/2 Semesters	B011-PC B025-HL B027-KL	Diploma	\$15,727.94	N/A	IELTS 6.0 Grade 12 Acc/Eco
GLOBAL BUSINESS ENTREPRENEURSHIP AND TECHNOLOGY 2 Years/4 Semesters	B303-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math/Acc/Eco
GLOBAL BUSINESS ENTREPRENEURSHIP AND TECHNOLOGY 1 Year/2 Semesters	B313-PC	Post- Graduate Certificate	\$15,670	N/A	IELTS 6.0 Degree
SUPPLY CHAIN MANAGEMENT 2 Years/4 Semesters	B307-PC	Post- Graduate Certificate	\$15,670	Coop/Intern Work Permit	IELTS 6.0 (no band less than 6) Degree
INFORMATION SYSTEM BUSINESS ANALYSIS 1 Year/2 Semesters	B305-PC	Post- Graduate Certificate	\$15,670	N/A	IELTS 6.0 (no band less than 6) Degree
Veterinary 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

VETERINARY ASSISTANT 1 Year / 2 Semesters	H057-HL	Certificate	\$15,759.94	✓+Coop/Intern Work Permit	IELTS 6.0 Grade 12 Biology
VETERINARY TECHNICIAN 2 Years/4 semesters	H058-HL	Diploma	\$15,719.94	✓+Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math, Biology, and Chemistry, 60%+ each of the three
VETERINARY TECHNOLOGIST-WILDLIFE REHABILITATION 3 Years/6 semesters	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
ANIMAL GROOMING 1 Year /2 Semesters	H133-HL	Certificate	\$15,809.94	✓	IELTS 6.0

Health Sciences and Emergency Services

Program Title Program Length	Campus and Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
♦ FITNESS AND HEALTH PROMOTION 2 Years/4 Semesters	H169-PC	Diploma	\$15,670	✓	IELTS 6.0 Minimum 70% in grade 12 Biology, or Physics or Chemistry
POLICE FOUNDATIONS 2 Years/4 Semesters	A227-PC	Diploma	\$15,670	✓	IELTS 6.0
PARAMEDIC 2 Years/4 Semesters	H099-PC	Diploma	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.5 Grade 12 Math, Biology, Chemistry - 70% each course
EMERGENCY MANAGEMENT, TERRORISM AND PANDEMIC RESPONSE 1 Year / 2 Semesters	H101-PC	Post- Graduate Certificate	\$15,670	N/A	IELTS 6.5 Degree
HEALTHCARE MANAGEMENT 1 Year/2 Semesters	H167-KL H159-HL	Post- Graduate Certificate	\$15,727.94	N/A	IELTS 6.5 Degree
PRACTICAL NURSING 2 Years/ 4 Semesters	H117-PC	Diploma	\$17,289.94	✓+Coop/Intern Work Permit	IELTS 6.5 Grade 12 Math, Biology, Chemistry, 65% each course
PERSONAL SUPPORT WORKER 1 Years/2 Semesters	H136-PC H139-HL H138-KL	Certificate	\$15,685.94	✓+Coop/Intern Work Permit	IELTS 6.5
MEDICAL LABORATORY TECHNICIAN 1 Year /3 Semesters	H150-PC	Certificate	\$20,164.94	✓+Coop/Intern Work Permit	IELTS 6.5 Grade 12 Math, Biology, Chemistry, 50% each
PRE-SERVICE FIREFIGHTER EDUCATION AND TRAINING ** 1 Year /3 Semesters	T085-PC	Certificate	\$20,164.94	✓	IELTS 6.0

BACHELOR OF SCIENCE IN NURSING (BScN) 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
Engineering Technology and Trades					
Program Title Program Length	Program and Campus Code	Credential Earned	First Year Tuition Fees Estimate	Program Specific Coop/Intern Work Permit requirement	Admission Requirements
INSTRUMENTATION AND CONTROL ENGINEERING TECHNICIAN 2 Years/4 Semesters	M001-HL	Diploma	\$15,727.94	N/A	IELTS 6.5 Grade 12 Math
MINING ENGINEERING TECHNICIAN 2 Years/4 Semesters	M044-PC	Diploma	\$15,977.94	✓	IELTS 6.0 Grade 12 Math
ELECTRICAL ENGINEERING TECHNICIAN 2 Years/4 Semesters	T007-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math
ENVIRONMENTAL TECHNICIAN - WATER AND WASTEWATER SYSTEMS OPERATIONS (Non-Coop) 2 Years/4 Semesters	T090-KL	Diploma	\$16,330	✓	IELTS 6.0 Grade 12 Math
COMPUTER ENGINEERING TECHNICIAN 2 Years/4 Semesters	T100-PC T103-KL	Diploma	\$15,670	✓	IELTS 6.0 Grade 12 Math
♦ COMPUTER PROGRAMMING 2 Years/4 Semesters	T115-PC	Diploma	\$15,670	✓	IELTS 6.0 Grade 12 Math
♦ CYBER SECURITY 2 Years/4 Semesters	T200	Post Graduate Certificate	\$15,670	✓+Coop/Intern Work Permit	IELTS 6.0 (no band less than 6) Degree
BACHELOR OF COMPUTER SCIENCE 3 YEARS/7 Semesters	T100AU-PC	Diploma & Degree	\$17,250 (the first two semesters)	✓	IELTS 6.0 Grade 12 Math
MOTIVE POWER TECHNICIAN - AUTOMOTIVE SERVICE 2 Years/4 Semesters	T110-PC	Diploma	\$15,706.94	Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math
MOTIVE POWER TECHNICIAN - HEAVY EQUIPMENT 2 Years/ 4 Semesters	T121-PC	Diploma	\$15,706.94	Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math

MECHANICAL TECHNICIAN-INDUSTRIAL MILLWRIGHT 2 Years/4 Semesters	T122-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math
MECHANICAL ENGINEERING TECHNICIAN 2 Years/4 Semesters	W110-PC	Diploma	\$15,670	✓	IELTS 6.0 Grade 12 Math
CONSTRUCTION ENGINEERING TECHNICIAN 2 Years/4 Semesters	T067-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math
CIVIL ENGINEERING TECHNICIAN 2 Years/4 Semesters	T016-PC	Diploma	\$15,670	N/A	IELTS 6.0 Grade 12 Math

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
WELDING ENGINEERING TECHNICIAN INSPECTION 2 Years/4 Semesters	W010-KL	Diploma	\$15,670	✓	IELTS 6.0 Grade 12 Math
WELDING ENGINEERING TECHNICIAN INSPECTION (Co-op) 2 Years/6 Semesters	W138-KL	Diploma	\$15,960.94	✓+Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math
MECHANICAL TECHNICIAN – WELDING FITTER 1 Years/3 semesters	W251-KL	Diploma	\$26,378.94	✓	IELTS 6.0 Grade 12 Math

Additional Admission Requirements Details

➤ English Proficiency Requirements

- 1. 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)
- 2. PTE - Pearson Test of English** (Academic)
 Diploma or Certificate programs: 58+, or Post-Graduate Certificate or Diploma programs: 60+
- 3. TOEFL - Test of English as a Foreign Language**
 A score of 550 paper and 213 computer-based; 79-IBT
- 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 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.northerncollege.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.

➤ **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!

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

Jankhana Kapasi

Northern India Representative

Email: kapasij@northern.on.ca

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admissions@northern.on.ca

Gunjan Preet Kaur

Southern India Representative

Email: kaurg@northern.on.ca

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

Business Agriculture

Credential: Ontario College Diploma

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

Duration: 2 Years

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

• IN1173 Computer Applications for Business I	• Bu1363 Introduction to Business Concepts	• CM1903 Communications I-Model A
• MA1024 Business Math I	• HOR9100 Plant, Soil and Fertilization	• LAW9100 Farm Safety & Biosecurity Regulations
• MR3063 Professional Selling	• EL2003 General Education Electives II	• HOR9201 Crop Production Management
• LAW9200 Legislation and Agriculture	• MGT9200 Equipment and Asset Management	• SCI9200 Animal Health and Nutrition
• AC1034 Introduction to Financial Accounting	• BU4033 Microeconomics	• ENV9300 Sustainable Practices in Agriculture
• HOR9301 Pest, Disease and Weed Management	• BUS9400 Dairy Production Management	• HOR9302 Fruits and Vegetables Management
• EL3003 General Education Elective III	• CM2903 Communications II-Model A	• BU4113 Project Management
• Leading Responsibility	• BUS9300 Livestock Business Operation	• ACC9400 Accounting for Agribusiness
• MGT9405 Directed Project in Agriculture	• BU3153 Business Planning	• BU6011 Work Placement (600 hours)

***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

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

Fitness and Health Promotion

Credential: Ontario College Diploma

Program Code: H164

Duration: 2 Years

Campus: Timmins

Intake: Fall 2023 Intake

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"> FH1001 Musculoskeletal Anatomy 	<ul style="list-style-type: none"> FH1002 Physiology 	<ul style="list-style-type: none"> Fitness Assessment I
<ul style="list-style-type: none"> FH1004 Group Exercise I 	<ul style="list-style-type: none"> FH1005 Math and Business for Health and Fitness Professionals 	<ul style="list-style-type: none"> CM1913 Communication I- Model B
<ul style="list-style-type: none"> GEN EDI-General Elective I 	<ul style="list-style-type: none"> FH2001-Introduction to Health Wellness 	<ul style="list-style-type: none"> Nutrition
<ul style="list-style-type: none"> Exercise Physiology 	<ul style="list-style-type: none"> FH2007 Exercise Prescriptions I 	<ul style="list-style-type: none"> FH2004 Group Exercise II

<ul style="list-style-type: none"> FH2006 Career Preparation Skills 	<ul style="list-style-type: none"> FH2003 Fitness Assessment II 	<ul style="list-style-type: none"> FH3001 Therapeutic Exercise and Injury Management
<ul style="list-style-type: none"> FH3002 Counselling, Communication and Behavioural Change 	<ul style="list-style-type: none"> FH3003 Exercise for Specific Populations 	<ul style="list-style-type: none"> FH3004 Community Event Planning
<ul style="list-style-type: none"> FH3005 Internship Preparation 	<ul style="list-style-type: none"> GEN ED 2-General Elective II 	<ul style="list-style-type: none"> FH4002 Applied Nutrition
<ul style="list-style-type: none"> FH4003 Exercise Prescription II 	<ul style="list-style-type: none"> FH4004 Health and Fitness Management 	<ul style="list-style-type: none"> FH4005 Outdoor Recreation and Fitness

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

➤ **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

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

➤ 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

Jankhana Kapasi
 Northern India Representative
 Email: kapasij@northern.on.ca

www.northern.on.ca/international
admissions@northern.on.ca

Gunjan Preet Kaur
 Southern India Representative
 Email: kaurg@northern.on.ca

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)² 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

❖ Program Application

Please refer to the application instruction via <http://www.northern.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 Fall 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 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>

❖ BYOD (Bring Your Own Devices)

- ❖ **Northern College requires all students to have and use their own laptop computer.** Course materials are posted online and many courses use online tests, or require students to submit their assignments online through the College's Learning Management System. **The College's Bring Your Own Device (BYOD) program is mandatory for all students. Please refer to the information on**

<http://www.mynorthern.ca/it-resources/>

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

❖ Contact Us:

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

Ms. Jankhana Kapasi

Northern India Recruitment Officer

Email: kapasij@northern.on.ca

Ms. Gunjan Preet Kaur

Southern India Recruitment Officer

Email: kaurg@northern.on.ca