

A photograph of tall, green pine trees against a clear blue sky.

# FALL 2025 PROGRAM OFFERINGS

A photograph of a red canoe with silver metal brackets, resting on a rocky shore covered in fallen pine needles. The water is visible in the background.

**FIND YOUR  
TRUE NORTH.**

**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  
(post-grad and Healthcare programs)

**2. PTE - Pearson Test of English (Academic)**

Diploma or Certificate programs: 58+  
Post-Graduate Certificate: 60+  
Healthcare Programs: 60+

**3. TOEFL - Test of English as a Foreign Language Internet-based Test (iBT)**

Certificate or Diploma Programs: 79+IBT  
Post Graduate Certificates: 88+ IBT  
Healthcare Programs: 88+ IBT

If you have any questions, please contact [admissions@northern.on.ca](mailto:admissions@northern.on.ca)

Visit [www.northerncollege.ca/international/](http://www.northerncollege.ca/international/) for the most up-to-date college admission information.

**Post Graduate Work Permit**

Please refer to [Work in Canada after you graduate: Who can apply - Canada.ca](#) for recent changes in work after your graduation (or PGWP application). Starting November 1st, 2024, the Post Graduate Work Permit (PGWP) application rules have been changed in Canada. The impacts of these changes on international students vary based on their study permit application dates and the PGWP applications. A valid English proficiency test (CLB 5 or equivalence for college graduates) as well as the alignment of their field of program study with certain occupations in a long-term shortage are essential now for PGWP application.

**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 their studies and to complete the program. For more information visit: [www.northerncollege.ca/admissions/program-packages/](http://www.northerncollege.ca/admissions/program-packages/)

Failing to provide the additional program-specific requirements by the required dates may result in not being able to complete the program as scheduled.

**Co-op/Intern Work Permit Required**

Specific programs require students to apply and get a co-op/intern work permit to work on their field placements, internship, or co-op work term. Please check page 4 of your offer letter to see if you need to apply for the co-op/intern work permit for your program study.

**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 and fees listed below are subject to change without notice.**

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

<b>BUSINESS</b>					
Program Title Program Length	Program and Campus Code	Credential Earned	First-Year Tuition Fees Estimate	Co-op/Intern Work Permit requirement	Admission Requirements
<b>BUSINESS</b> 2 Years/4 Semesters	B005-PC	Diploma	\$16,372	N/A	IELTS 6.0 Grade 12 math or equivalent
<b>BUSINESS MARKETING</b> 2 Years/4 Semesters	B007-PC	Diploma	\$16,372	N/A	IELTS 6.0 Grade 12 math or equivalent
<b>BUSINESS ACCOUNTING</b> 2 Years/4 Semesters	B006-PC	Diploma	\$16,372	N/A	IELTS 6.0 Grade 12 math or equivalent
<b>BUSINESS HUMAN RESOURCES</b> 2 Years/4 Semesters	B111-PC	Diploma	\$16,372	N/A	IELTS 6.0 Grade 12 math or equivalent
<b>OFFICE ADMINISTRATION-EXECUTIVE</b> 2 Years/4 Semesters	B012-PC	Diploma	\$16,372	N/A	IELTS 6.0 Grade 11 math or equivalent
<b>SUPPLY CHAIN MANAGEMENT</b> 2 Years/4 Semesters	B307-PC	Post-Graduate Certificate	\$16,372	Co-op/Intern Work Permit	IELTS 6.0 (no band less than 6) Degree
<b>INFORMATION SYSTEM BUSINESS ANALYSIS</b> 1 Year/2 Semesters	B305-PC	Post-Graduate Certificate	\$16,372	N/A	IELTS 6.0 (no band less than 6) Degree
<b>PROJECT MANAGEMENT</b> 1 Year/2 Semesters	B290-PC	Post-graduate Certificate	\$16,372	N/A	IELTS 6.5 (no band less than 6) Degree
<b>COMMUNITY SERVICES</b>					
Program Title Program Length	Program and Campus Code	Credential Earned	First-Year Tuition Fees Estimate	Co-op/Intern Work Permit requirement	Admission Requirements
<b>ADDICTIONS &amp; MENTAL HEALTH WORKER</b> 2 Years/4 semesters	A151-PC	Diploma	\$16,372	√+Coop/Intern Work Permit	IELTS 6.0
<b>EARLY CHILDHOOD EDUCATION</b> 2 Years/4 Semesters	A003-PC	Diploma	\$16,372	√+Coop/Intern Work Permit	IELTS 6.0
<b>SOCIAL SERVICE WORKER</b> 2 Years/4 Semesters	A007-PC	Diploma	\$16,372	√+Coop/Intern Work Permit	IELTS 6.0

<b>HEALTH SCIENCES AND EMERGENCY SERVICES</b>					
Program Title Program Length	Program and Campus Code	Credential Earned	First-Year Tuition Fees Estimate	Program Specific Co-op/Intern Work Permit requirement	Admission Requirements
<b>HEALTHCARE MANAGEMENT</b> 1 Year/2 Semesters	H159-HL	Post-graduate Certificate	\$16,372	N/A	IELTS 6.5 (no band less than 6) Degree
<b>PERSONAL SUPPORT WORKER</b> 1 Years/2 Semesters	H138-KL H139-HL	Certificate	\$16,372	√+Coop/Intern Work Permit	IELTS 6.5 (no band less than 6)
<b>PRACTICAL NURSING</b> 2 Years/ 4 Semesters	H117-PC H118-KL H129-HL	Diploma	\$17,716	√+Coop/Intern Work Permit	IELTS 6.5 (no band less than 6) Minimum 65% in Grade 12 Math, Biology & Chemistry or equivalent
<b>BACHELOR OF SCIENCE IN NURSING (BScN)</b> 4 Years/8 Semesters	H112-PC	Degree	\$28,297	√+Coop/Intern Work Permit	IELTS 6.5 (no band less than 6) minimum 75%, in each of grade 12 math, Biology, Chemistry and another two grade 12 elective courses, or equivalents.
<b>MEDICAL LABORATORY TECHNICIAN 1 Year /3 Semesters</b>	H150-PC	Certificate	\$20,948	√+Coop/Intern Work Permit	IELTS 6.5 (no band less than 6) Grade 12 Math, Biology, Chemistry, 50% each or equivalent
<b>PARAMEDIC</b> 2 Years/4 Semesters	H099-PC	Diploma	\$16,372	√+Coop/Intern Work Permit	IELTS 6.5 (no band less than 6) Grade 12 Math, Biology, Chemistry 70% each or equivalent
<b>POLICE FOUNDATIONS</b> 2 Years/4 Semesters	A227-PC	Diploma	\$16,372	√	IELTS 6.0
<b>FITNESS AND HEALTH PROMOTION</b> 2 Years/4 Semesters	H169-PC	Diploma	\$16,372	N/A	IELTS 6.0 Grade 12 Biology or Physics or Chemistry with a minimum 70%
<b>PRE-SERVICE FIREFIGHTER EDUCATION AND TRAINING **</b> 1 Year /3 Semesters	T085-PC	Certificate	\$20,948	√	IELTS 6.0



<b>VETERINARY SCIENCES</b>					
Program Title Program Length	Program and Campus Code	Credential Earned	First-Year Tuition Fees Estimate	Co-op/Intern Work Permit requirement	Admission Requirements
<b>VETERINARY ASSISTANT</b> 1 Year / 2 Semesters	H057-HL	Certificate	\$16,372	√+Coop/Intern Work Permit	IELTS 6.0 Grade 12 Biology or equivalent
<b>VETERINARY TECHNICIAN</b> 2 Years/4 semesters	H058-HL	Diploma	\$16,372	√+Coop/Intern Work Permit	IELTS 6.0 Grade 12 Math, Biology, and Chemistry, 60%+ Each or equivalent
<b>ANIMAL GROOMING</b> 1 Year /2 Semesters	H133-HL	Certificate	\$16,372	N/A	IELTS 6.0

<b>ENGINEERING TECHNOLOGY AND TRADES</b>					
Program Title Program Length	Program and Campus Code	Credential Earned	First-Year Tuition Fees Estimate	Co-op/Intern Work Permit requirement	Admission Requirements
<b>BACHELOR OF COMPUTER SCIENCE</b> 3 YEARS/7 Semesters	T100AU-PC	Diploma & Degree	\$16,372 (the first two semesters)	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>COMPUTER ENGINEERING TECHNICIAN (CET)</b> 2 Years/4 Semesters	T100-PC	Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>COMPUTER PROGRAMMING</b> 2 Years/4 Semesters	T115-PC	Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>CYBER SECURITY</b> 2 Years/4 Semesters	T200-PC	Post-graduate Certificate	\$16,372	√+Coop/Intern Work Permit	IELTS 6.0 (No band under 6.0.)
<b>WELDING ENGINEERING TECHNICIAN INSPECTION IN-DEMAND</b> 2 Years/4 Semesters	W010-KL	Diploma	\$16,336	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>WELDING ENGINEERING TECHNICIAN INSPECTION (Co-op) IN-DEMAND</b> 2 Years/6 Semesters	W138-KL	Diploma	\$16,336	√+Coop/Intern Work Permit	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>WELDING FITTER – MECHANICAL TECHNICIAN IN-DEMAND</b> 1 Years/3 semesters	W251-KL	Certificate	\$27,375	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent

<b>CIVIL ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	T016-PC	Diploma	\$20,948	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>CONSTRUCTION ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	T067-PC	Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>ELECTRICAL ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	T007-PC	Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>ELECTRICAL ENGINEERING TECHNOLOGY 3 Years/6 Semesters</b>	T074-PC	Advanced Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>MECHANICAL ENGINEERING TECHNICIAN 2 Years/4 Semesters</b>	W110-PC	Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>MECHANICAL ENGINEERING TECHNOLOGY 3 Years/6 Semesters</b>	W123-PC	Advanced Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>MECHANICAL TECHNICIAN INDUSTRIAL MILLWRIGHT 2 Years/ 4 Semesters</b>	T122-PC	Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>MECHANICAL TECHNIQUES – INDUSTRIAL MILLWRIGHT 1 Year /2 Semesters</b>	T094-PC	Certificate	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>HEAVY EQUIPMENT TECHNIQUES 1 Years/2 semesters</b>	T093-PC	Certificate	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent)
<b>MOTIVE POWER TECHNICIAN - AUTOMOTIVE SERVICE 2 Years/4 Semesters</b>	T110-PC	Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>MOTIVE POWER TECHNICIAN - HEAVY EQUIPMENT 2 Years/ 4 Semesters</b>	T121-PC	Diploma	\$16,372	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>ENVIRONMENTAL TECHNICIAN - WATER AND WASTEWATER SYSTEMS OPERATIONS (Non-Co-op) 2 Years/4 Semesters</b>	T090-KL	Diploma	\$18,758	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>MINING ENGINEERING TECHNICIAN 2 Year / 4 Semesters</b>	M002-HL	Diploma	\$16,403	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent
<b>INSTRUMENTATION AND CONTROL ENGINEERING TECHNICIAN 2 Year/4 Semesters</b>	M001-HL	Diploma	\$16,403	N/A	IELTS 6.0 Min 50% Grade 12 Math or equivalent

**Additional Expenses**

In addition to your tuition and fees, you can expect the following expenses for accommodations, food, and a way to get to classes and to work (transportation) during your time in Canada.

The following is an estimated breakdown of the cost of living for one year (12 months) for students studying in Canada living on your own:

**Off-Campus Housing:**

Shared Accommodations:

Starting at \$500/month (6,000)

Rental:

Starting at \$900/month (\$10,800)

**Transportation (bus/taxi):**

Approximately \$80/month (\$960)

**Miscellaneous:**

Approximately \$80/month (\$960)

**Books & Supplies:**

Approximately \$1,500

**Grocery:** \$400/month (\$4,800)

**Cell phone:** \$70/month (\$840)

**Total for one year: \$15,060 – \$19,860**

(Estimated costs only and may vary from person to person)

**Bring Your Own Devices (BYOD)**

Approximately \$1,200

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

**Scholarships, Bursaries, and Awards  
for International Students**

International students who are enrolled in Northern College can apply online for scholarships, bursaries, and awards in both the Fall and Winter semesters 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.

For more information visit

[www.northerncollege.ca/students/bursaries/](http://www.northerncollege.ca/students/bursaries/)



## Bachelor of Computer Science

### Dual Credential Program of Northern College and Algoma University 3 years/7 semesters – Timmins Campus

In partnership with **Algoma University**, **Northern's Bachelor of Computer Science** is a diploma-to-degree program that allows you to graduate with a college diploma, university degree – or both, provided they complete all the required courses by Northern College or/and Algoma University for the joint computer program. Combining computing theory with a hands-on, project-based approach, you'll gain a big-picture understanding of the industry and its standards. And you'll perfect your skills as a programmer, problem-solver and systems analyst – all while exploring the latest methods for improving functionality.

The whole joint-degree program courses will be offered in the Timmins Campus of Northern College by the faculty of Northern College and Algoma University. All the program courses will have a blended approach to the delivery including online, F2F, condensed.

YEAR 1 (Three semesters and no scheduled break)	YEAR 2	YEAR 3
<b>SEMESTER 1</b>	<b>SEMESTER 4</b>	<b>SEMESTER 6</b>
CM1903 Communications I	EL1003 Elective I	COSC 3106 Theory of Computing or COSC 3407 Operating
GN1033 Health and Safety	GN2133 Law and Ethics	MATH 2056 Discrete Mathematics II
IN1004 Cisco Networking I	IN2105 Markup Languages	COSC elective, upper year
IN1044 Introduction to Programming	IN3084 Cisco Networking III	COSC elective, upper year
IN1104 IT Essentials I	IN3094 Linux Server Administration	MATH 1057 Linear Algebra
MA1100 Mathematics I	IN3193 Database Management	
	EL1003 Elective I IN2004 Systems Security	
<b>SEMESTER 2</b>	<b>SEMESTER 5</b>	<b>SEMESTER 7</b>
CM2903 Communications II	IN2004 Systems Security	COSC 3127 Programming Languages or COSC 3406 Computer Organization
IN2034 Cisco Networking II	IN4074 Internet Programming	COSC 3506 Software Engineering
IN2054 Windows Server Administration	IN2104 IT Essentials II	COSC elective, upper year
IN2343 Intermediate Programming	IN6003 Systems Analysis	COSC elective, upper year
MA2104 Mathematics II	IN4064 Cisco Cyber Ops	COSC elective, upper year
<b>SEMESTER 3</b> (Online Algoma courses)	IN4023 Virtual Systems Administration	
EE4013 Data Cabling		
COSC1047 Intro to Computer Science II		
MATH1056 Discrete Mathematics I		
COSC2006 Data Structures I		
COSC2007 Data Structures II		
COSC2406 Assembly Language Programming		



## Estimated Program Expenses

(two semesters of Northern College Portion)

*Program expenses are in Canadian Dollars and subject to change*

### Semester One

**Tuition:** \$7,191 per semester\*\*

**Student Ancillary Fees:** \$1,513.00/first-year\*

**Health Insurance:** \$832.9/academic cycle\*  
(September to August for a single student)

### Total of Mandatory Fees required:

\$15,898 for SDS students\* (The first two semesters)

Or \$8,704 for non-SDS students\* (One semester)

*\*Student fees and health plans are subject to change. Health plan rate quoted are based on a single student rate.*

*\*\*Tuition amounts subjected to approved rate increases*

### Accommodation

Accommodation costs vary depending on the type of housing, and campus location:

**Timmins On-Campus:** \$800/month excluding meals

**Timmins Off-Campus:** \$750/month

## Q&A

### How does the Northern College and Algoma Diploma to Degree CET work?

A: Students who are admitted into the May intake computer engineering technician program of Northern College can be selected to study in this joint-degree program if they are interested. The students will have the courses in the order of the courses listed in the program pathway. Once they complete the program courses of Northern College (semesters 1, 2, 4 and 5), they could obtain the college diploma; while they could obtain Algoma University's degree if they complete all the courses listed in the pathway.

### If I am accepted at Northern College, am I automatically accepted to Algoma U?

A: Yes, you are automatically accepted into this joint bachelor's degree program study between Northern College and Algoma University. Once your application is approved, you will be accepted into this joint degree program. But this does not mean that you will automatically get the diploma and/or the degree of the program. You must successfully complete all the related program courses to get the diploma and/or the degree.

### Do I need to take extra credit, or have to obtain a certain GPA to continue from Northern College to Algoma U?

A: Students will need a GPA of 2.0 in their first two semesters to progress into semester 3.

### Am I able to study at the Timmins and Kirkland Lake campuses for both the Northern College Diploma and the Algoma U Degree for CET?

A: This program will be only offered in the Timmins campus of Northern College.

### What are the benefits of taking the Northern–Algoma pathway of diploma to degree for me?

A: 1) Double credentials: you will get a two-year college diploma and a university degree after the 7 semesters if you complete all the courses of the pathway; 2) If you decide not to continue for the degree, you can still get a two-year college diploma if you finish the four semesters courses of Northern College. 3) Benefit from the teaching resources of both Northern College and Algoma University.

### Where do I apply? Do I apply on OCAS for Northern and Algoma, am I automatically rolled over to Algoma from Northern, or do I need to apply a second time to OUAC?

A: International students who are interested in this program must apply to this program through OCAS International (ISA) Applicant Portal to apply for this program. You do not need to apply a second time for this program.

## **Bachelor of Science in Nursing (BScN)**

**Bachelor's degree program  
4 year, 8 semesters – Timmins Campus**

**Northern's Bachelor of Science in Nursing (BScN) program** is a collaborative program with **Laurentian University** where graduates will earn a BScN degree from Laurentian University while completing all four years of study at Northern College. The program will prepare students to meet the complex needs of individuals, families and communities in ever-changing healthcare environments. BScN graduates are instilled with a desire to be life-long learners who use an evidence-informed approach to practice.

Thanks to a comprehensive curriculum, diverse clinical experiences and hands-on laboratory and simulation learning in our state-of-the-art facility – you'll gain first-hand experience with new technologies, develop clinical reasoning judgment skills, and engage in active learning experiences, and understand emerging healthcare trends.

<b>YEAR 1</b>	<b>YEAR 2</b>
NS1004 (LU-NURS1004) Nursing Praxis and Professional Caring I	NS2084 (LU-NURS2084) Nursing Praxis and Professional Caring III
NS1056 (LU-NURS1056) Professional Growth I	NS2006 (LU-NURS2006) Health and Healing II
NS1206 (LU-NURS1206) Relational Practice I	BN2220 (LU-CHMI2220) Clinical Chemistry
BN2105 (LU-BIOL2105) Human Anatomy and Physiology	BN2036 (LU-BIOL2036) Microbiology for Health Sciences
NS1001 Supporting Academic Success	General Education Elective
General Education Elective	NS2144 (LU-NURS2144) Nursing Praxis and Professional Caring IV
NS1094 (LU-NURS1094) Nursing Praxis and Professional Caring II	NS2057 (LU-NURS2057) Professional Growth II
NS1007 (LU-NURS1007) Health and Healing I	NS2107 (LU-NURS2107) Health and Healing III
NS1207 (LU-NURS1207) Relational Practice II	BN2220 (LU-CHMI2220) Clinical Chemistry
BN2105 (LU-BIOL2105) Human Anatomy and Physiology	
General Education Elective	
NS1094 (LU-NURS1094) Nursing Praxis and Professional Caring II	
<b>YEAR 3</b>	<b>YEAR 4</b>
NS3005 (LU-NURS3005) Health and Healing IV	NS4084 (LU-NURS4084) Nursing Praxis and Professional Caring VII
NS3084 (LU-NURS3084) Nursing Praxis and Professional Caring V	NS4094 (LU-NURS4094) Nursing Praxis and Professional Caring VIII
NS3056 (LU-NURS3056) Professional Growth III	NS4156 (LU-NURS4056) Professional Growth V
NS3406 (LU-NURS3406) Nursing Inquiry and Praxis I	NS4157 (LU-NURS4057) Professional Growth VI
NS3206 (LU-NURS3206) Practice III	NS4206 (LU-NURS4206) Relational Practice IV
NS3005 (LU-NURS3005) Health and Healing IV	NS4416 (LU-NURS4416) Nursing Inquiry and Praxis III
NS3094 (LU-NURS3094) Nursing Praxis and Professional Caring VI	General Education Elective
NS3066 (LU-NURS3066) Professional Growth IV	
NS3416 (LU-NURS3416) Nursing Inquiry and Praxis II	
General Education Elective	

### **International Student Admission Requirements**

1. Minimum 75%, in each of grade 12 math, Biology, Chemistry and another two grade 12 elective courses, or equivalents.
2. IELTS (Academic): overall 6.5 with no band less than 6

## Welding Engineering Technician -Inspection

### Ontario College Diploma

2 year, 4 semesters | 3 year, 6 semesters – Kirkland Lake Campus

**The Northern Welding Engineering Technician: Inspection program** integrates science, technology, and engineering to prepare students for various roles in the welding industry. It covers a wide range of topics, including metallurgy, mechanics, codes, standards, and stress analysis. Students gain hands-on experience through labs and work alongside engineers and scientists. The program is available as both a two-year diploma and a three-year co-op program, with career prospects such as inspectors, supervisors, educators, and consultants.

Students can also pursue an advanced diploma in Welding Engineering Technology. The program emphasizes the importance of understanding materials, welding processes, and their impact on the final product to ensure the design, production, performance, and maintenance of welded products meet industry standards.

YEAR 1	YEAR 2
CM1903 Communications I – Model A	MA4204 Calculus I
GN1033 Health and Safety	WE4004 Welding Processes II
IN1093 Computer Applications for Business & Technology	WE4024 Welding Metallurgy I
MA1100 Mathematics I	WE4073 Radiographic Inspection
WE1023 Codes and Standards	WE4083 Ultrasonic Inspection
WE1064 Welding Drafting	BU1363 Introduction to Business Concepts
WE1082 Welding Electrical Fundamentals	WE3010 Work Term I (Co-op)
WE1404 Materials Joining	WE5010 Work Term II (Co-op)MA3033 Mathematics III
CM2903 Communications II – Model A	WE3044 Strength of Materials I
GN2013 Co-op Studies	WE3104 Engineering Materials II
MA2104 Mathematics II	WE3204 Welding Processes I
WE2024 Engineering Materials I	WE3112 Materials and Processes
WE2084 Mechanic/Statics	WE3113 Magnetic Particle Testing
WE2164 Computer Aided Design and Fixture Design	WE3123 Liquid Penetrant Testing
WE3014 Materials Preparation	General Education Elective
General Education Elective	

### International Student Admission Requirements

- Grade 12 high school graduation or equivalent with a minimum of 50% in Maths.
- IELTS (Academic): overall 6.0

### Welder-Employment, Salary and Opportunities

- Canadian welding engineers, welding instructors and NDT technicians report the highest annual salaries, with over 60% making \$80,000+ annually
- An hourly Salary of \$20-\$24.99 and annual salary of \$40-\$49,999 is most common
- A lack of qualified workers was identified as the top issue facing the welding industry today

Data source: 'Canadian Welding Industry Employment & Salary Report' by cwbgroup

## Fitness and Health Promotion

### Ontario College Diploma 2 Year, 4 semesters – Timmins Campus

Becoming a certified fitness professional will allow you to work in both the public and private sectors with specialized groups of people like children, the elderly, or with professional sports organizations. You will learn about all kinds of fitness exercises including outdoor activities, yoga, resistance training, cardiovascular training, and how to modify activities for various limitations.

You will also learn how to build community health promotion programs and present them to others by honing your communication, networking and community relations skills. You will be ready for your fitness internship as you learn with us, graduating with the ability to create a business plan to start your exciting new venture.

As part of your studies, you will complete the CSEP – CPT and Canfit Pro fitness certifications. This will help you to meet the demands of the market for fitness, wellness and health promotion service requirements.

YEAR 1	YEAR 2
FH1001 Musculoskeletal Anatomy	FH3001 Therapeutic Exercise and Injury Management
FH1002 Physiology	FH3002 Counselling, Communication and Behavioural Change
Fitness Assessment I	FH3003 Exercise for Specific Populations
FH1004 Group Exercise I	FH3004 Community Event Planning
FH1005 Math and Business for Health and Fitness Professionals	FH3005 Internship Preparation
CM1913 Communication I-Model B	GEN ED 2-General Elective II
GEN ED I-General Elective I	FH4002 Applied Nutrition
FH2001-Introduction to Health Wellness	FH4003 Exercise Prescription II
Nutrition	FH4004 Health and Fitness Management
Exercise Physiology	FH4005 Outdoor Recreation and Fitness
FH2007 Exercise Prescriptions I	
FH2004 Group Exercise II	
FH2006 Career Preparation Skills	
FH2003 Fitness Assessment II	

### International Student Admission Requirements

- Grade 12 High School diploma, 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
- 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 forms before beginning the program and contact the program coordinator to discuss potential assignment modifications as required.

## **Computer Programing**

### **Ontario College Diploma**

**2 Year, 4 semesters – Timmins Campus**

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.

YEAR 1	YEAR 2
N1104 IT Essentials I	CST2234 System Analysis and Design
IN1044 Introduction to	CST2335-Mobile Graphical Interface Programming
IN3193 Databased Management	CST8109 Network Programming
CM1903 Database Management	CST8288 Object Oriented Programming with Design Patterns
CM1903 Communications I	CST8390 Business Intelligence and Data Analytics
MA1100 Mathematics I	GN3000 General Education Course
GN2133 Law and Ethics	CST8276 Advanced Database Topics
IN2343 Intermediate Programming	CST8277 Enterprise Application Programming
IN3094 Linux Server Administration	CST8333 Programming Language Research Project
CM2903 Communications II	CST8334 Software Development Project
IN2001 Database System	GN4000 General Education Course
GN2000 General Education Course	

### **International Student Admission Requirements**

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



**Cybersecurity**  
**Post-Graduate Certificate**  
**2 Year, 4 semesters – Timmins Campus**

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 cooperative education work term.

YEAR 1	YEAR 2
CY1001-Networking Fundamentals	CY2005-Cybersecurity Risk Management
CY1002-Linux Server Fundamentals	CY3001-Network Security Fundamentals
CY1003-Windows server Fundamentals	Cybersecurity Law and Ethics
CY1004-Information Security Fundamentals	CY3003-Network Forensics and Incident Response
Scripting Fundamentals	CY3004-Vulnerability Management Fundamentals
CY2001-Insitution Detection and Prevention	CY3005 Security Operations Center Fundamentals
CY2022-Ethical Hacking	CY4000-Cybersecurity Work Term/Capstone
CY2003-Digital Forensics	
CY2004-Cloud Security	

**International Student Admission Requirements**

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

## **Program Application**

Please refer to the application instructions at [www.northerncollege.on.ca/international-applications/](http://www.northerncollege.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. Applicants must then pay the tuition fee within the expiration date on your offer letter (usually two to three weeks) so that a seat is reserved.

## **Student Visa**

These programs will be offered in person during the **Fall 2025 intake**.

You cannot study online from your home. For any students who will travel to Canada, you must apply for a study visa first and obtain the approval before 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, please upload your visa copy into your account in OCAS IAS (where you submitted your application to the college) to ensure that your application status is changed from “paid” to “pre-registered”. Delaying or not uploading the visa copy will lead to the failure to reserve your program seat.

Please refer to [Work in Canada after you graduate: Who can apply - Canada.ca](http://www.canada.ca/en/immigration-refugees-citizenship/services/work-in-canada/who-can-apply.html) for the work regulation when you study in Canada as an international student.

## **Post Graduate Work Permit**

Please refer to [Work in Canada after you graduate: Who can apply - Canada.ca](http://www.canada.ca/en/immigration-refugees-citizenship/services/work-in-canada/who-can-apply.html) for recent changes in work after your graduation (or PGWP application). Starting November 1st, 2024, the Post Graduate Work Permit (PGWP) application rules have been changed in Canada. The impacts of these changes on international students vary based on their study permit application dates and the PGWP applications. A valid English proficiency test (CLB 5 or equivalence for college graduates) as well as the alignment of their field of program study with certain occupations in a long-term shortage are essential now for PGWP application.

**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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