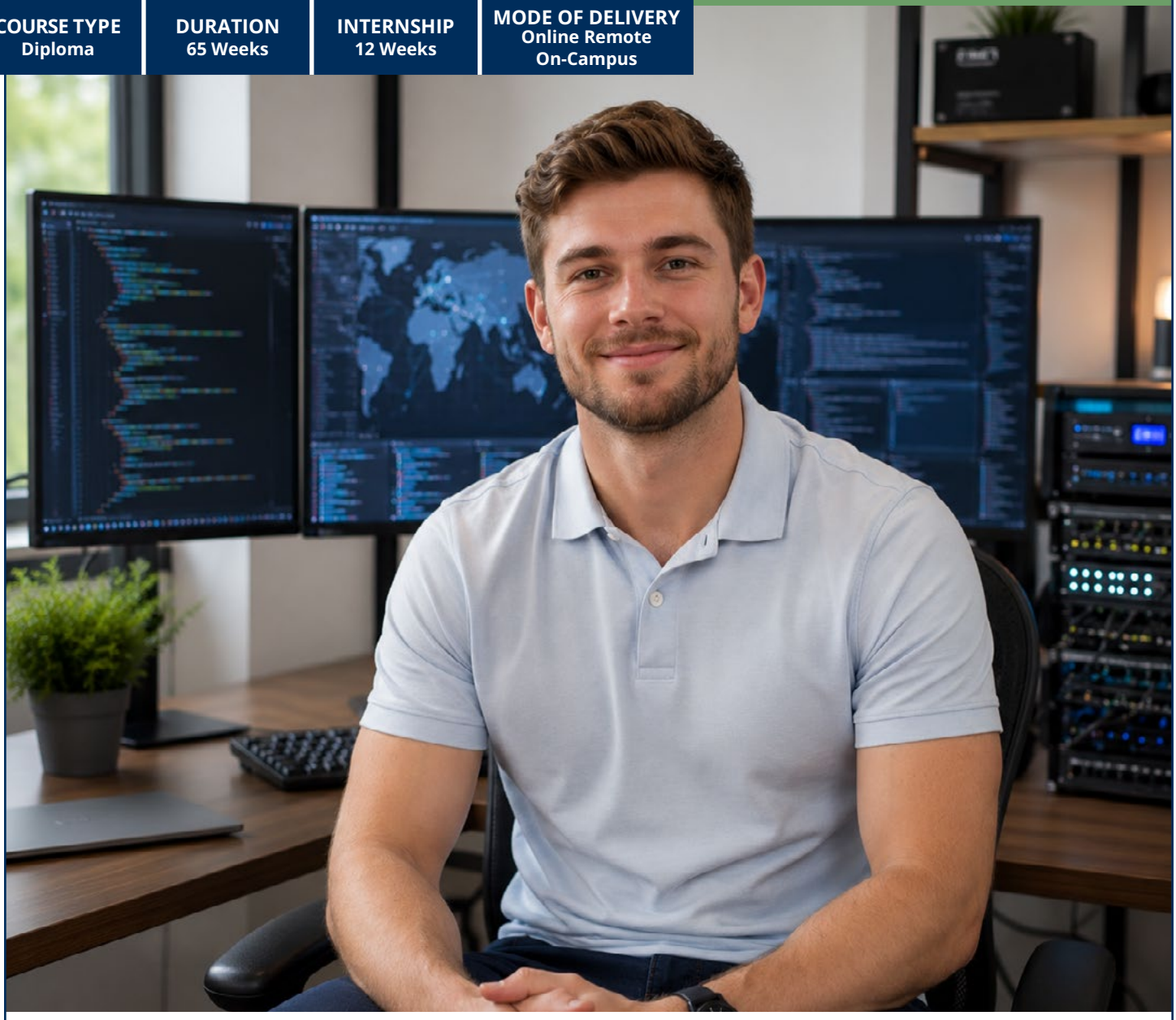
Eastern College

CYBERSECURITY SPECIALIST + INTERNSHIP

Build job-ready cybersecurity skills through hands-on labs and real-world scenarios.

COURSE TYPE	DURATION	INTERNSHIP	MODE OF DELIVERY
Diploma	65 Weeks	12 Weeks	Online Remote On-Campus



Start your journey

easterncollege.ca

CANADA BEST MANAGED COMPANIES | Platinum member

1.877.297.0777

YOUR LEARNING JOURNEY

Cybersecurity Specialist + Internship

65 Weeks
Diploma Program Length

The Cybersecurity Specialist program is designed for students looking to build skills in systems administration, networking, and cybersecurity. This 65-week diploma program is delivered through Online Remote and In-Class learning and includes a 12-week internship, giving students the opportunity to gain practical skills and real workplace experience.

Students receive broad training in desktop and server administration, Linux and Windows environments, networking, IT service management, and infrastructure security. Through hands-on labs, projects, and real-world scenarios, students learn to identify vulnerabilities, monitor systems and networks, respond to security incidents, and apply defensive and offensive security techniques.

Small class sizes allow for individualized instruction and support from experienced faculty. Upon completion, graduates are prepared for roles in IT administration and cybersecurity, and are well positioned to pursue certifications from CompTIA, Microsoft, Cisco, and CWNA.

CERTIFICATION PATHS:

MODE OF DELIVERY:

- **Online Remote** delivery allows students to attend live, instructor-led classes virtually from any location in all provinces. Classes are held at scheduled times through the Microsoft Teams video conferencing platform, enabling students to engage in real-time learning, ask questions, participate in discussions, complete assigned coursework, and access instructor support. Attendance and active participation in live sessions is mandatory.
- **On-Campus** or In-Person delivery means students will attend instructor-led classes held in person at a Eastern campus or approved learning site. Class work may incorporate digital tools such as an LMS, laptops, and digital textbooks.

PROGRAM HIGHLIGHTS INCLUDE:

Registered and Approved Diploma| Career Services| Job Search Assistance|Alumni Program Benefits

Student Success Strategies Digital Literacy for Professionals Career Planning and Preparation - Level 1	**4 Weeks**
PC Support Windows Client Administration Windows Server and Active Directory Administration	**16 Weeks**
IT Service and Project Management Network Administration Linux Administration Security Fundamentals	**16 Weeks**
Advanced Network Technologies Cybersecurity	**16 Weeks**
Career Planning & Preparation - Level 2	**1 Week**
Internship	**12 Weeks**

PROGRAM BENEFITS

- Half Day Classes
- Job Placement Assistance
- Small Class Sizes
- Certification exam vouchers included
- Qualified instructors

YOUR INVESTMENT IN EDUCATION

Cybersecurity Specialist + Internship

YOUR EDUCATION IS MORE THAN A COST; IT'S AN INVESTMENT IN YOUR FUTURE.

Our fee structure is designed to reflect the value of the career-focused training, hands-on experience, and industry-relevant skills you gain throughout your program. Each component of your tuition supports your journey toward a rewarding and sustainable career.

When reviewing your fees, consider the long-term return: graduates are equipped with in-demand skills that can lead to increased earning potential, career advancement, and greater job stability.

We are committed to helping you make the most of this investment by providing quality education, career services, and ongoing support, so you can confidently take the next step toward your future.

DOMESTIC STUDENT PROGRAM COST			
Description	**Year 1**	**Year 2**	**Total**
Weeks	33 wks	32 wks	65 wks
Hours	660 hrs	640 hrs	1300 hrs
Tuition	$9,930.46	$9,629.54	$19,560.00
Digital Learning Resources	$821.45	$796.55	$1,618.00
Student Protection Fee	$99.30	$96.30	$195.60
TOTAL TUITION AND FEES	**$10,851.21**	**$10,522.39**	**$21,373.60**

STANDARD PAYMENT PLAN		
1ST Payment	Start of Program	$6,510.73
2ND Payment	Midpoint of Program	$4,340.48
3RD Payment	Start of Second Academic Year	$6,313.43
4TH Payment	Mid-point of Second Academic Year	$4,208.96
TOTAL DOMESTIC STUDENT TUITION AND FEES		**$21,373.60**

Pricing above is valid for all domestic students for programs that start before March 31, 2027

- Financial assistance may be available for those who qualify.
- Monthly payment plans are also available for more information about funding options visit: https://easterncollege.ca/financial-services/
- Our dedicated Financial Aid Officers are here to help you every step of the way. Contact us today and let us help you unlock the financial support you need to achieve your education and career goals!

EMPLOYMENT AND WAGE OUTLOOK

Cybersecurity Specialist + Internship

$45

Average Wage Hourly**

$80

High Wage Hourly**

Source: workingincanada.gc.ca, NOC Code: 21220 . **Wage data rounded down to the nearest dollar. Average wage does not reflect the starting salary but represents the middle value between lowest to highest wages. Local (or regional) income may vary. Last updated in Nov 2025.

CAREER OPPORTUNITIES

- Windows Server Administrator
- Active Directory Administrator
- Project Manager
- Cisco Specialist
- Network Administrator
- IT Systems Technician
- Linux Administrator
- Security Specialist
- Cybersecurity Analyst
- Security Operations Centre (SOC) Analyst

EMPLOYERS WHO HAVE HIRED EASTERN GRADS

Innovatia XPLORNET Service New Nouveau Brunswick

SOME OTHER EMPLOYERS ARE:

- Skillsoft
- Public Service Pay Center
- Robert Half International Inc.
- Stellar Learning Strategies

ADMISSIONS AND IMPORTANT INFORMATION

Cybersecurity Specialist + Internship

NOC Code: 21220, 21221 & 21222

ADMISSION REQUIREMENTS

1. Student has Grade 12 or equivalent or meets criteria for Mature Student Status.
2. Mature students must be 19 years of age, pass a qualifying test, and provide a Letter of Intent OR resume that supports their skills and aptitudes to be successful in the program.
3. The approved qualifying test for this program is the Wonderlic test. A passing score for this program is 20.

*Applicants from other Canadian provinces must be at least 19 years of age and a minimum of 1 year out of high school by the program start date and successfully pass an academic achievement test.

International Students: Please contact us for more detail regarding admissions requirements.

ADVANCED STANDING POLICY

Like all post-secondary institutions in New Brunswick, Eastern College reserves the right to accept or deny advanced standing into its programs.

CERTIFICATIONS

Students who successfully complete this program will be eligible to write certification exams leading to the following designations: CompTIA A+ (consists of 2 exams), CompTIA Project+, CompTIA Network+, CompTIA Linux+, CompTIA Security+, CompTIA CySA+, CompTIA Pentest+, CompTIA SecurityX, Cisco CCNA, CWNA, and Microsoft 365 Certified: Endpoint Administrator Associate. Students are provided with six (6) certification exam vouchers to write the certifications they wish to pursue.

ABOUT EASTERN COLLEGE

Eastern College is registered as a private career college in New Brunswick and Nova Scotia. Private career colleges in New Brunswick are governed and regulated by the Private Occupational Training Act (POTA).

NOTE: To support your learning, you are required to have a Windows PC that meets our minimum specifications for Information Technology programs. In order to continuously improve our programs, Eastern College reserves the right to modify programs at any time. Program delivery order may vary depending on the program start date.

COURSE DESCRIPTIONS

Cybersecurity Specialist + Internship

STUDENT SUCCESS STRATEGIES

This course stresses the importance of developing non-technical skills to enhance personal, academic, and career success. The course will address strategies that are important for all adult learners, such as managing finances, maintaining health and wellness, understanding learning styles, setting goals, and honing practical study skills (such as memory, reading, and test-taking techniques). In addition, this course emphasizes strategies needed to succeed in your program, such as navigating technology efficiently,interacting and engaging with peers and facilitators/instructors, and managing learning time and space.

DIGITAL LITERACY FOR PROFESSIONALS

This course introduces essential concepts and principles for navigating and working in a digital environment. Key topics include using devices, managing information, creating and editing content, communicating and collaborating with digital tools, and ensuring online safety and responsibility. You will also apply best practices for folder organization and file naming conventions.

CAREER PLANNING & PREPARATION – LEVEL 1

This course will introduce you to and provide practice in using the tools required for a successful job search. The concepts covered in this course will help you maintain a career-focused approach throughout your studies so that you are better prepared to conduct a job search after graduating. Specifically, you will learn how to identify your soft and hard skills and how to articulate your abilities in a clear and concise Elevator Pitch that will appeal to employers and resonate with industry contacts. You will learn about the job search resources available to you including using career websites, creating LinkedIn profiles, accessing the “hidden” job market, and networking. You will examine sample résumés and cover letters and begin the process of creating your own professional résumés and cover letters that align with current conventions for content, organization, and formatting. You will also learn about the role of references, thank you letters, workplace philosophies, and strategies for success including maintaining a professional image and using proper etiquette when communicating with potential employers and industry contacts.

PC SUPPORT

This course introduces you to the essential operating system skills required of a PC support technician, and covers the concepts tested on the CompTIA A+ certification. More specifically, you will learn how to configure, troubleshoot, and maintain both computer hardware and the Windows family of desktop operating systems. Additionally, you will examine the basic configuration of Linux, macOS, and mobile operating systems.

WINDOWS CLIENT ADMINISTRATION

This course introduces the skills and knowledge necessary to install, configure and support Microsoft Windows client operating systems, and covers the concepts tested on the Microsoft 365 Certified: Endpoint Administrator Associate certification exam. More specifically, students learn how to deploy and upgrade Windows clients, as well as configure storage, access, devices, network connectivity and security. Additionally, students learn how to administer systems using PowerShell, as well as leverage online resources and AI tools to generate PowerShell scripts.

WINDOWS SERVER AND ACTIVE DIRECTORY ADMINISTRATION

This course provides an in-depth look at the different tasks necessary to administer, secure, and troubleshoot Windows Server systems. Focus is placed on server deployment and management, as well as data, storage, network service, virtualization, and container configuration. Additionally, this course covers Active Directory configuration and management.

IT SERVICE AND PROJECT MANAGEMENT

You will gain an understanding of business processes and communication, as well as time and project management skills that are vital for success in today’s IT industry. Through the use of examples, demonstrations, and activities, you will examine the strategies and techniques that are commonly used within the IT industry, with a focus on ITIL processes and project management. Additionally, you will leverage online and AI tools to produce several industry grade deliverables for a complete IT project. This course also covers the concepts tested on the CompTIA Project+ certification.

NETWORK ADMINISTRATION
In this course, students examine the theory and concepts required to successfully administer and troubleshoot IP-based computer networks and network technologies. Moreover, this course covers the concepts tested on the CompTIA Network+ certification.

LINUX ADMINISTRATION
Linux provides the foundation for many systems today including embedded and mobile devices, supercomputers, and the cloud. In this course, students learn how to install, configure, and manage Linux systems and the network services that they run. Moreover, this course covers the concepts tested on the CompTIA Linux+ certification.

SECURITY FUNDAMENTALS
This course covers the core concepts that provide for security within an enterprise environment. Focus will be placed on the common security tools and procedures and every IT professional must know when working with technology in an organization. Moreover, this course covers the concepts tested on the CompTIA Security+ certification.

ADVANCED NETWORK TECHNOLOGIES
In this course students learn the configuration and support of Cisco routers, switches, and services. Additionally, students explore the design, configuration, and management of WLANs and other wireless technologies. Students will also leverage online and AI tools to generate an industry grade Wi-Fi infrastructure proposal for a campus location. This course covers the concepts tested on the Cisco Certified Network Associate (CCNA) and Certified Wireless Network Administrator (CWNA) certification exams.

CYBERSECURITY
This course covers the procedures used to design, implement, and audit security within an enterprise environment, as well as detect, respond to, and investigate security breaches. During the course, students perform detailed vulnerability assessments and penetration tests on target systems and networks, as well as leverage online and AI tools to generate an industry grade security assessment that summarizes the results and remediation actions. Moreover, this course covers the concepts tested on the CompTIA Cybersecurity Analyst+, Pentest+, and SecurityX (formerly CASP+) certification exams.

CAREER PLANNING AND PREPARATION - LEVEL 2
This module builds on concepts and skills introduced in the Career Planning and Preparation Level 1 module. In this subsequent module, you will update and refine your résumé and LinkedIn Profile. You will continue writing cover letters and learn the value of customizing cover letters to specific job postings. You will have the opportunity to apply this knowledge as you conduct a job search and write a cover letter tailored to an ideal job post. Through research, you will create a list of top employers and target current industry opportunities. You will learn about current methods for applying to job postings using technology. You will also gain an understanding of the job interview process, typical interview questions and possible responses, and expectations of both the interviewer and interviewee. In addition, you will engage in practical application of the interview process through role-play. Topics such as negotiating salary, self-management, and on-the-job success for placements and post-graduate employment will be also covered.

INTERNSHIP
The 240-hour, 12-week internship offers hands-on experience in a professional setting, enabling you to apply the knowledge and skills gained in the Cybersecurity Specialist program. During the internship, you will gain industry experience, work with various technologies, and engage with professionals in the field. This practicum bridges the gap between classroom learning and career readiness.

Eastern College

Find your path

Speak one-on-one with an Education Consultant to explore your goals, funding options, and next steps.

https://appointment.easterncollege.ca/

Build your future

EASTERN COLLEGE LOCATIONS

FREDERICTON | SAINT JOHN | MONCTON | HALIFAX

Are you following us?

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