Eastern College

WEB DEVELOPER USING AI + INTERNSHIP

Build full-stack web development skills using AI tools, hands-on coding, and real-world web projects.

COURSE TYPE	DURATION	INTERNSHIP	MODE OF DELIVERY
Diploma	65 Weeks	12 Weeks	Remote



Start your journey

easterncollege.ca

CANADA BEST MANAGED COMPANIES | Platinum member

1.877.297.0777

YOUR LEARNING JOURNEY

65 Weeks
Diploma Program Length

Web Developer Using AI + Internship

The Web Developer diploma program at Eastern is 65 weeks. It includes a 12-week internship. This program contains a full suite of development technologies and topics including design (Adobe Illustrator, Adobe Photoshop, Adobe XD, UI/ UX), frontend and backend web development (HTML, CSS, Linux/WordPress, JavaScript, Angular, React, PHP, and MySQL).Mobile and web capstone projects included in the program will allow students to build a real-world mobile and web app that can be showcased to potential employers.

Courses in this program relate to 3 industry certification examinations. Students are provided with 3 certification exam vouchers to write the certifications they wish to pursue.

CERTIFICATION PATHS:







MODE OF DELIVERY:

Online Remote delivery allows students to attend live, instructor-led classes virtually from any location in the province. 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.

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**
Graphical Design HTML and CSS JavaScript Linux Web Hosting and Wordpress	**16 Weeks**
PHP and MySQL Development Angular Development React Development Web Capstone	**16 Weeks**
UI/UX Design Version Control and Collaboration Swift Development Java Development	**16 Weeks**
Career Planning and Preparation - Level 2	**1 Week**
Internship	**12 Weeks**

PROGRAM BENEFITS

- Registered and approved diploma
- Job Placement Assistance
- Certification Exam Included
- Qualified Instructors
- Career services
- Alumni program benefits

YOUR INVESTMENT IN EDUCATION

Web Developer Using AI + 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	$10,230.00	$9,920.00	$20,150.00
Technology Fee	$984.00	$955.00	$1,939.00
Student Activity Fee	$102.30	$99.20	$201.50
TOTAL TUITION AND FEES	**$11,316.30**	**$10,974.20**	**$22,290.50**

STANDARD PAYMENT PLAN		
1ST Payment	Start of Program	$6,789.78
2ND Payment	Midpoint of Program	$4,526.52
3RD Payment	Start of Second Academic Year	$6,584.52
4TH Payment	Mid-point of Second Academic Year	$4,389.68
TOTAL DOMESTIC STUDENT TUITION AND FEES		**$22,290.50**

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.

  Information about funding options is available at: www.trios.com/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

Web Developer Using AI + Internship



$35

Average Wage Hourly**

$46

High Wage Hourly**

Source: workingincanada.gc.ca, NOC Code: 21231 | 21234 - **Wage data rounded down to the nearest dollar. Average wage based on NOC 21234 and 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

- Software Programmer/Developer
- Mobile Programmer/Developer
- Database Programmer/Developer
- Internet Site Designer
- Web Programmer

EMPLOYERS WHO HAVE HIRED EASTERN GRADS

MICHELIN

IRVING

SPANDREL INTERACTIVE

SOME OTHER EMPLOYERS ARE:

- Cyber Sercurity Canada
- RCMP
- Goverment of Canada

ADMISSIONS AND IMPORTANT INFORMATION

Web Developer Using AI

NOC Code: 21232 | 21234

ADMISSION REQUIREMENTS

1. Student has an Ontario Secondary School Diploma or equivalent, OR Is 18 years of age or older on or before the program begins AND can pass a qualifying test that has been approved by the Superintendent.*
2. 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.

CERTIFICATIONS

Students who successfully complete this program will be eligible to write certification exams leading to the following designations: Adobe Photoshop Certified Professional, Adobe Illustrator Certified Professional and Oracle Java Associate. These certifications are comprised of three (3) individual certification examinations. Students are provided with three (3) certification exam vouchers to write the certifications they wish to pursue.

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.

PROGRAM INFORMATION NOTICE

This diploma program may not be available at all campuses. The program may have additional reading weeks, depending on the start date.

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: 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

Web Developer Using AI + 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 AND 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.

GRAPHICAL DESIGN

Visual images, user interfaces, and other graphical art are an important part of nearly all apps and webpages today. This course introduces the concepts and techniques used to create and modify graphical art for use within software and on the web. Students will work with both bitmap-based and vector-based graphical art formats, as well as generate art using online and AI tools.

HTML AND CSS

This course introduces the core concepts and procedures used to create websites. More specifically, students learn how to create the components of a website using HTML5, as well as provide a standardized layout of website elements using CSS3.

JAVASCRIPT

JavaScript allows for a rich set of interactivity within the content on a website. Consequently, it is one of the most common programming languages used today. In this course, you will learn the core elements of the JavaScript programming language, use JavaScript to provide enhanced functionality within a website, as well as leverage online and AI tools to generate JavaScript stub code.

LINUX WEB HOSTING AND WORDPRESS

Most web servers in the cloud are hosted on the Linux operating system. In this course, students will learn the basic usage of the Linux operating system, as well as the configuration of the Apache web server on Linux. Additionally, students will use the Apache web server to host their own websites as well as the WordPress content management system.

UI/UX DESIGN

In this course, students learn how to design user interfaces for web and mobile apps to maximize both usability and user experience. Additionally, students learn how to leverage online and AI tools to simplify the creation of design prototypes.

VERSION CONTROL AND COLLABORATION
Most software projects today use an agile development process to provide timely revisions to software. Additionally, most software projects use the Git system for version control and collaboration. In this course, students explore the various agile development and project management techniques that are common in the industry, as well as learn how to leverage Git, GitHub, and GitHub Copilot AI for code versioning and collaboration.

JAVA DEVELOPMENT
In this course, students apply the object-oriented concepts from the Swift development course to the Java programming language. More specifically, students will learn Java data and control structures, as well as how to create both graphical and web-based Java applications.

SWIFT DEVELOPMENT
In this course, students are introduced to object-oriented programming using the Swift programming language. More specifically, students will learn Swift expressions, collections, and types, as well as enumerations, protocols, and generics.

PHP AND MYSQL DEVELOPMENT
This course introduces students to server-side Web development using the open-source PHP language. More specifically, students learn the structure of the PHP programming language, as well as use PHP to create data-driven websites that interface with MySQL, leveraging online and AI generated code where appropriate.

ANGULAR DEVELOPMENT
There are many different JavaScript code libraries available today that provide a framework for developers when creating web apps. In this course, students will explore the structure of the Angular JavaScript framework, as well as use it to create web apps that implement a wide range of functionality, leveraging online and AI generated code where appropriate.

REACT DEVELOPMENT
In this course, students apply their knowledge of the Angular JavaScript framework to learn another JavaScript framework called React. More specifically, students learn how to leverage the React framework to create a rich set of functionality within web apps, leveraging online and AI generated code where appropriate.

WEB CAPSTONE
In this capstone project, students create a custom web app, leveraging online and AI generated code where appropriate. This app must implement functionality using PHP, Angular, or React, as well store information within a database. Mentoring and code reviews will be provided by instructors during the supervised lab portion of regular class time.

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.

WEB DEVELOPER INTERNSHIP
At the successful completion of the classroom hours of this program, you will be placed in a 240-hour internship at an outside organization. You will have the opportunity to apply your new and developed skills in a real-world environment. Hosts include small, medium, and large organizations that that provide applications and web development services.

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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