Eastern College

MOBILE WEB DEVELOPER USING AI

Specializes in mobile application development, focusing on building, testing, and refining apps while understanding mobile platforms and user interaction.

COURSE TYPE	DURATION	INTERNSHIP	MODE OF DELIVERY
Diploma	69 Weeks	N/A	Remote



Start your journey

easterncollege.ca

CANADA BEST MANAGED COMPANIES Platinum member

1.877.297.0777

YOUR LEARNING JOURNEY

Mobile Web Developer Using AI

69 Weeks
Diploma Program Length

The Mobile Web Developer Using AI diploma program at Eastern is 69 weeks. This program uses a real-world, hands-on approach alongside a carefully crafted curriculum to build the industry-grade logic and problem solving skills needed to master software development using modern tooling, processes, and frameworks. 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 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.

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**
UI/UX Design Version Control and Collaboration Java Development Swift Development	**16 Weeks**
iOS Development Android Development Mobile Capstone	**16 Weeks**
PHP and MySQL Development Angular Development React Development Web Capstone	**8 Weeks**
Career Planning and Preparation - Level 2	**1 Weeks**

PROGRAM BENEFITS

- Half Day Classes
- Job Placement Assistance
- Small Class Sizes
- Front-end, mobile-first training.
- Certification exam vouchers included

YOUR INVESTMENT IN EDUCATION

Mobile Web Developer Using AI

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	36 wks	33 wks	69 wks
Hours	720 hrs	660 hrs	1380 hrs
Tuition	$12,730.00	$11,670.00	$24,400.00
Digital Learning Resources	$1,122.00	$1,028.00	$2,150.00
Student Protection Fee	$127.30	$116.70	$244.00
TOTAL TUITION AND FEES	**$13,979.30**	**$12,814.70**	**$26,794.00**

STANDARD PAYMENT PLAN		
1ST Payment	Start of Program	$8,387.58
2ND Payment	Midpoint of Academic Year	$5,591.72
3RD Payment	Start of Second Academic Year	$7,688.82
4TH Payment	Mid-point of Second Academic Year	$5,125.88
TOTAL DOMESTIC STUDENT TUITION AND FEES		**$26,794.00**

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: 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

Mobile Web Developer Using AI



$45

Average Wage Hourly**

$74

High Wage Hourly**

Source: workingincanada.gc.ca, NOC Code: 21232 | 21234 -- **Wage data rounded down to the nearest dollar. Average wage does not reflect the starting salary but represents themiddle value between lowest to highest wages. Local (or regional) income may vary. Last updated in Nov 2025

CAREER OPPORTUNITIES

Mobile Applications Developer
Software Developer
Software Programmer
Application Programmer
Web Developer
Web Programmer
Full Stack Web Developer
Front-End Web Developer

EMPLOYERS WHO HAVE HIRED EASTERN GRADS

aramark

TELUS
let's make the future friendly™

ITWC

COMPUGEN
Dream. Design. Deliver.

SOME OTHER EMPLOYERS ARE:

- CMiC Computer Methods International Corp
- Michael Garron Hospital
- Stealth Monitoring

ADMISSIONS AND IMPORTANT INFORMATION

Mobile Web Developer Using AI

NOC Code: 21232 | 21234

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.

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

Mobile Web Developer Using AI

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 you to the fundamental concepts and principles of learning and working in a digital environment. This course covers the following elements: using devices and handling information, creating and editing information, communicating and collaborating, and being safe and responsible online. This course will also cover proper naming conventions and folder organization.

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. 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.

IOS DEVELOPMENT
In this course, students explore the different components of the Apple XCode SDK to build feature-rich iOS apps using the Swift programming language, leveraging online and AI generated code where appropriate. More specifically, students will learn how to leverage SwiftUI to create mobile apps that provide a fluid experience on iPhone and iPad devices.

ANDROID DEVELOPMENT
In this course, students explore the different features of the Android SDK to build feature-rich Android apps using the Kotlin programming language. More specifically, students will learn the detailed usage and capabilities of the Kotlin programming language, as well as the elements of the Android SDK that can provide a wide variety of different functionality within an Android app, leveraging online and AI generated code where appropriate.

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.

MOBILE CAPSTONE
In this capstone project, students create either a custom Android or iOS app, leveraging online and AI generated code where appropriate. Mentoring and code reviews will be provided by instructors during the supervised lab portion of regular class time.

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. You will also learn how to leverage the power of networking on LinkedIn and apply strategies that will enable you to expand your professional network. In addition, you will engage in practical application of the interview process through role-play. Topics such as employability skills, negotiating salary, self-management, and on-the-job success for placements and post-graduate employment will also be covered.

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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