Edison College Canada
SINCE 1973
LEARN TODAY, LEAD TOMORROW

Information Kit

Web Design and Development

Diploma

54 Weeks Program

Program Duration:
Theory: 54 weeks / 1080 hours

Delivery Methods:
In-Class/Distance

Campus Location:
Victoria, BC

Program Description

The Web Design and Development Diploma Program at Edison College offers a comprehensive web design diploma that combines creative design with technical expertise. This program is ideal for students seeking practical web design courses and web development courses that prepare them for real-world digital careers.
Through hands-on website development classes, students learn how to plan, design, build, and maintain modern websites. The website development course covers essential areas such as visual design principles, responsive layouts, web publishing, front-end and back-end development, and database management. Graduates gain the confidence to create professional, user-friendly websites that meet current industry standards.

Career Opportunities

- Web Developer
- Web Designer
- Freelance Web Designer/Developer
- Front-end Developer

Estimated Salary

Annual salaries for graphic designers can range from $41,600 to $119,995, with employers often offering higher pay to candidates with more experience, according to the Canadian Job Bank. On an hourly basis, web design and development diploma holders typically earn between $20.00 and $57.69 per hour. Certain provinces, including Quebec, Alberta, and British Columbia, tend to offer salaries above the national average for this profession.

Web Design and Development

Salary Range

$41,600 - $119,995

Admission Requirements

High school graduate or equivalent or mature student status (19 years or older prior to starting the program).

English Language Proficiency Requirements

Minimum Grade 10 English plus a minimum of three years of full-time secondary education (Grades 8–12) completed in English in a country where English is one of the principal languages, or

Provide verified results for one of the English language proficiency tests listed below. The test results must be dated no more than two years before the program start date.

The overall minimum scores required are: IELTS (Academic) score of 5.5, TOEFL score of 46 (only TOEFL iBT is accepted), CAEL score of 40, CELPIP scores of listening 6, reading 5, writing 5, and speaking 6, or an overall minimum Duolingo English Test (DET) score of 95.

The Accuplacer assessment may be accepted only under the following conditions:

The applicant is 19 years or older at the start of the program and is a Canadian citizen or permanent resident who cannot access their educational records or provide sufficient evidence of secondary or post-secondary education as outlined above.

The applicant provides attestation that they have completed at least three years of full-time instruction in English in a country where English is one of the principal languages, and the applicant completes an Accuplacer English Assessment (Next Generation: reading, writing, and WritePlacer) and achieves the following minimum scores for reading: 230 writing: 230 WritePlacer: 4.

Courses

Web Design & Development (100 Hours)
Students are introduced to various applications covered in the web design and web development fields. In this module, students explore the fundamentals of the internet and the essential components of web publishing. They will learn about web layout and design and gain an understanding of the Cascading Style Sheets (CSS) box model and the Hypertext Markup Language (HTML) document flow.

Advanced Web Design & Development (100 Hours)
This module is a continuation of Web Design and Development, where students learn the techniques they need to create rich, responsive websites while maintaining backward compatibility with older browsers.

Business Communication (80 Hours)
Students will learn effective and efficient communication skills. This course will enhance students' communication and writing skills, and they will learn how to write in a clear and concise business format. It is imperative that students understand business jargon. This course will also increase the vocabulary of students. Business letters, proposals, and presentations will also be viewed and enhanced over the duration of this course.

Capstone Project (100 Hours)
Students use all of the knowledge gained in previous modules to create a team project. They develop and implement a website and implement, maintain, and query a database. They will develop and implement grid-based transaction applications and evaluate and integrate security features.

Career Prep (20 Hours)
Students work with a professional career counsellor to develop and optimize a professional resume to put forward for employers. Additional support in job searching, interview techniques, and other career transition skills is offered to ensure students have the best possible work prospects.

CMS & Frameworks (100 Hours)
This course helps students to learn how to create and edit digital information through CMS. Moreover, students will also learn the other components like WordPress and Bootstrap, which help them to create websites.

Database Design & SQL (100 Hours)
This module introduces students to Structured Query Language (SQL) and Data Definition Language (DDL).

JavaScript (100 Hours)
Students will learn programming fundamentals and basic object-oriented concepts using the latest JavaScript syntax. They will learn how to add JavaScript code on their websites and how to debug it, among other things.

Microsoft Office (80 Hours)
Microsoft Office is a suite of applications designed to help with productivity and completing common tasks on a computer. Students will learn the skills to create and edit documents containing text and images, work with data in spreadsheets and databases, and create presentations and posters. Learning Microsoft Office has significant benefits for the daily workflow, productivity, and career possibilities. Students will learn intermediate-level Word, Excel, PowerPoint, and Access applications.

Web Graphics (100 Hours)
Students are introduced to industry-standard design software techniques in Photoshop, InDesign, and Illustrator. Students will learn how to build professional graphics and the process of how to create them.

Web Scripting with PHP (100 Hours)
Students learn server-side scripting starting with basic client/server concepts and building upon it with PHP theory and basic syntax. They will learn to use local storage vs. session storage vs. cookie storage and HTTP vs. HTTPS. This module will teach students different encoding types for transport between browser and server applications, basic web application security, and the dangers of cross-site scripting and session hijacking.

Web Security (100 Hours)
This course is imperative for understanding the fundamental security principles of the web. The course provides an overview of the most common attacks and illustrates fundamental countermeasures that every web application should implement. In essence, this course offers you the knowledge and skills to build better and more secure applications.

Student Support Award

$5,000

Note:

Effective October 2026, the Student Support Award is applied toward program tuition fees. Following each disbursement, the applicable portion of the Award will be provided to the student within 6–8 weeks, provided the student meets the required attendance and academic performance conditions.

To remain eligible, students must successfully complete all required courses and the practicum, graduate from the program, and have no outstanding tuition balance.

Students who withdraw, are terminated, or fail the program will not be eligible for the Award and must repay to the College any Award amount that is required to be returned. If not repaid, the amount may be sent to collections, where applicable.

Full Name _____ **Date** _____

Signature _____

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