

# DIPLOMA IN FULL STACK DEVELOPMENT

## ACADEMIC OR CO-OP



Greystone  
COLLEGE

- Fast-track your way into a Full Stack Development role with high earning potential in this hands-on, job-ready training program.
- Develop comprehensive knowledge of leading-edge development frameworks, tools, and languages including HTML, CSS, JavaScript, Node.js, and Angular.
- Learn from tech industry experts with recent experience in Full Stack Development roles.
- No previous programming knowledge required!



Learn more

## Campus

Vancouver

## Program Length

### ACADEMIC

**Evening:** 62-64 weeks (48 weeks study + up to 16 weeks scheduled breaks)

### CO-OP

**Evening:** 110-112 weeks (48 weeks study + up to 16 weeks scheduled breaks + 48 week co-op placement)

*Schedules will be adjusted in December to accommodate public holidays.*

## Start Dates

### Evening

**2024:** Jan 29, May 21, Sep 9, Dec 30 (first session of 2025)

**2025:** Dec 30 (2024), Aug 11

## Scheduled Breaks

### Winter Break 2024 / 2025

Dec 16 - 27, 2024 / Dec 22, 2025 - Jan 2, 2026

## Language Level Requirement

### INTERMEDIATE 3

(Equivalent to TOEFL iBT: 46, IELTS: 5.5)

**OR** Completion of a minimum of three full years of study in a secondary or post-secondary institution where the sole language of instruction is English.

## Other Admission Requirements

View [general Greystone College Admission Requirements](#) for your chosen campus on our website for more details.

## Program Description

Explore the most up-to-date methodologies, knowledge, and tools used in web development and web applications and build in-demand, job-ready skills that can get you hired in front end, back end, or full stack development roles. In this program, you'll develop knowledge of software development frameworks and tools like Angular, Node.js, and MySQL, and programming languages including HTML, CSS, and JavaScript. Establish your skills in problem-solving, coding, and teamwork, through hands-on exercises and a final project.

A Diploma in Full Stack Development can open flexible career opportunities in a variety of industries and roles within the field.

**The median annual salary of a Full Stack Developer in Canada is \$62,400 CAD – that's more than 50% higher than Canada's average salary in 2020!\***

*\*Salaries may vary depending on the company and position. The average salary for this role is taken from the Government of Canada's Job Bank information for the particular National Occupational Classification (NOC). General Canadian average salary information is based on the Canada Revenue Agency's T1 tax filer data from 2020.*

## Why Choose the Co-op Program?

Co-op or "co-operative education" combines academic study with a work placement related to your program. This popular Canadian learning approach provides you with hands-on experience in your study field, quality references, and networks that will give you a competitive edge for finding future work and growing your career. Program orientation and pre-placement support prepare you to find a suitable placement. Throughout the work experience term, you will receive support and guidance from a dedicated Co-op Program Advisor who will ensure you receive all the support you need to successfully complete the program.

## Program Schedule

### Evening Program Schedule

**62-64 WEEKS ACADEMIC TERM**  
Total weekly study hours = 20

**WORKPLACE SKILLS & TOOLS COURSE &  
ALL OTHER PROGRAM COURSES**

**TUE-THU\***  
**5:30 - 9:00 PM**  
Class

**FLEXIBLE**  
9.5 Hours per Week  
Asynchronous Learning

*\*The Workplace Skills and Tools course takes place for all students during their first session. **Students will also attend this course on campus on the very first Monday of the program.** Students should also anticipate additional time for completing homework and projects.*

## Co-op Schedule

Students who choose the co-op program will begin a co-op placement after completing their academic study portion. The co-op will last for 48 weeks for evening schedule students. Your daily co-op placement work schedule will vary, depending on the needs of your employer.

# Diploma In Full Stack Development Courses

The curriculum is subject to change.

## ACADEMIC STUDY

### FRONT END BASICS - HTML, CSS, AND INTRODUCTION TO PROGRAMMING

Learn how to build and design webpages using HTML and CSS, the two core technologies for building web pages. You'll also get an intro to JavaScript, rounding out the basic knowledge that will help you to identify, analyze, design, and maintain web pages.

### FRONT END BASICS - JAVASCRIPT

Learn how to write scripts in the JavaScript programming language to create dynamic, interactive front-side web products and faster user experiences.

### FRONT END DEVELOPMENT - ANGULAR BASICS

Develop the skills and knowledge required to build advanced webpages and web products using Angular, an open-source front-end framework.

### FRONT END DEVELOPMENT - ANGULAR REACT

Learn to build advanced web pages and web products using open-source, front-end frameworks. You'll also explore UI/UX to learn how to build easy to use websites with end users front of mind. This course involves teamwork and a presentation in front of peers and managers.

### BACK END DEVELOPMENT - PART 1

Develop the skills and knowledge required to connect an application to a database and maintain TECH, including integration and deployment using GitHub.

### BACK END DEVELOPMENT - PART 2

Connect front-side products with servers and databases using tools like SQL, MongoDB, and Mongoose.

### CAPSTONE PROJECT

Complete a large-scale project integrating all the skills, concepts, and technologies acquired in the program, and start building your professional portfolio. You'll also prepare for your next steps through career orientation workshops and presentations.

### WORKPLACE SKILLS & TOOLS

Learn the fundamental skills necessary for the Canadian workplace. Students will learn topics such as oral and written communication, computer skills, and workplace preparation. The course will also cover the necessary skills needed for academic study in their program.

## CO-OP WORK EXPERIENCE

### CO-OP WORK EXPERIENCE

During the co-op work placement, students will put their skills into practice in a local workplace in a position related to their specific program objectives. Students will be required to complete job tasks as assigned to them by the employer. In addition, students are required to provide regular feedback (monthly) on their placement experience to Greystone College using prescribed reporting forms.

### THE CO-OP WORK EXPERIENCE COULD INCLUDE ENTRY-LEVEL POSITIONS IN ROLES LIKE

- Internet Site Developer
- Web Developer
- Web Manager
- Web Programmer
- Website Developer
- Webmaster
- E-Business Website Developer



## Bring your own device

To ensure our students have the most transformative learning experience, we recommend the following minimum device requirements:

- Windows 10 or Mac OS v.10.7 or higher
- Processor: Intel I5-6400 or Ryzen 5 1400 minimum
- Memory: 8 GB recommended
- Screen: 14 inches recommended
- Ports: minimum 1 USB 3.0 port
- Built-in camera, speakers and microphone
- Connectivity: WI-FI
- Speed: 50Mbps download speed recommended
- External numeric keyboard (optional but recommended)

Students are provided with a free Microsoft Office 365 account during their studies.

Program information is current as of ©240813 but is subject to change. The most up-to-date information about Greystone College Canada programs and admissions is always available on our website: [www.ilsc.com/greystone-college/canada](http://www.ilsc.com/greystone-college/canada). In case of any discrepancy between this document and our website, the website information will prevail.



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