



Academy of Learning

C A R E E R C O L L E G E



Chinese



English

Software and Web Development Diploma Program



CAREER OPPORTUNITIES

- Web Developer
- UI/UX Developer
- Front-End Developer
- Software Developer
- HTML/CSS and Javascript Developer
- Software Engineer
- Database Administrator
- Security Analyst
- Backend Developer
- Full Stack Engineer

**Government Grants, Scholarships, and Financial Aid
May be Available For Those Who Qualify**



905-595-7775



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Unit 202, 10909 Yonge Street, Richmond Hill, Ontario. L4C 3E3

Software and Web Development Diploma Program

Program Overview

In the Software and Web Developer diploma program, students learn the coding languages that every web developer needs to know: HTML, CSS, and JavaScript. Students then broaden their skill set with a strong foundation in SQL, C#, and the .NET Framework that will lead to additional opportunities in the world of software development. Throughout the program, students gain hands-on experience with a range of software development projects that build in complexity as students add programming skills and languages to their toolkit.

Delivery Method

Combination of:

- Integrated Learning™ System training facilitated by Academy of Learning College facilitators
- Online/Hybrid

Duties & Responsibilities

Software and Web Development graduates design, build, and maintain websites and software applications using modern programming tools.

Duties may include:

- Designing responsive websites using HTML, CSS, and JavaScript
- Developing software using C# and .NET Framework
- Creating and managing SQL databases
- Testing websites and applications for functionality
- Debugging and fixing code issues
- Improving website performance and usability
- Collaborating with developers and IT teams
- Using version control systems
- Updating and maintaining web content

Career Opportunities

- Web Developer UI/UX Developer
- Front End Developer
- Software Developer
- HTML/CSS/JavaScript Developer Software Engineer
- Database Administrator

Competencies and Core Courses

Keyboarding

Minimum 25 words per minute (WPM)

Operating Systems

Intermediate level of proficiency with Windows OS

Software Development Industry

Computer and Technology Basics for Developers, Overview of Software Development

Software and Web Development Skills

Version Control, HTML, CSS and Bootstrap, JavaScript, Visual Studio, C#, .NET Framework

Database Skills

Intermediate level of proficiency in Microsoft Access, Database and SQL

Presentations

Basic level of proficiency in Microsoft PowerPoint

Word Processing and Spreadsheets

Basic level of proficiency in Microsoft Word and Microsoft Excel

Office Skills

Personal Computer Fundamentals, basic level of proficiency in Microsoft Outlook and Internet Fundamentals

Business Skills

Customer Service, Project Management

Financial Assistance

- Ontario Student Assistance Program (OSAP)
- Better Jobs Ontario Program
- Interest-Free Monthly Payment Plan Options

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