



## WEB DEVELOPMENT DIPLOMA

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**DURATION**

13 Months

Full-time

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**TUITION**

\$15,700 Domestic

\$21,500 International

*Fees in Canadian Dollars (\$CDN) and subject to  
change*

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**STARTING**

January

September

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# The Web Development Diploma

The Web Development Diploma program provides exposure to a wide range of web programming technologies with a strong concentration in the PHP programming language, as well as focus on front-end client-side scripting languages such as HTML5/CSS and JavaScript. This program integrates many of the leading web technology frameworks and rounds out the student's skill-sets with a strong foundational base in modern architecture environments and database modeling processes.

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## Full-time Program Expenses

### Tuition (20+courses):

\$15,700\* Domestic Students

\$21,500\* International Students

Estimated Textbook and Supplies:

\$2500-\$3000\*\*

Laptop Required

\* Fees in Canadian Dollars

(\$CDN) and subject to change. \*\* Textbook costs may vary depending on new, rental, used, or electronic purchasing choices.

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## Career Opportunities

Graduates have established exciting careers in the following areas:

- Web Developer/Programmer
- PHP Developer
- Database Administrator
- Software Developer

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## Key Objectives

- Develop hands-on skills in web development applications and programming languages such as HTML, CSS, XML, JavaScript, PHP, and Java
- Create web pages in past, current, and emerging standards using HTML, CSS, and XML
- Plan, design, and create relational database systems

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## Full-time Program Features

- Resume and Job Search Training
- Specialized Curriculum for High-Growth Industries
- Includes an Internship Placement\*
- Adobe Creative Cloud software included
- Industry-Recognized Instructors
- Memberships to industry associations

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## Ideal Applicant

- IT or Arts background (programmers, or graphic designers)
- Strong Coding Skills
- Strong analytical skills and creativity

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## Top Jobs

For web designers and developers, over the period of 2016-2026 new job openings are expected to total 9,500. *Source: Canadian Government Job Market Report*

Software Engineering Manager ranked #2: Top jobs for getting ahead. *Source: Forbes.com*

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## Internship\*

Internships provide a pathway to a wider network of industry contacts, and offers students a chance to try out potential employers. Internships provide students with an opportunity to further develop their professional skills, while gradually increasing work responsibilities under the guidance of a seasoned practitioner.

\* *Subject to Eligibility*

*A four week internship is included in the course duration*

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## Curriculum

- Advanced HTML5/CSS3
- Advanced JavaScript
- Advanced PHP Programming
- Custom Theme Development in Wordpress
- Data Modeling & Normalization with MySQL
- eCommerce
- Effective Written Communication
- HTML Production Tools
- HTML5/CSS3 Capstone Project
- Implementing Security
- Indigenous Perspectives
- Intermediate HTML5/CSS
- Intermediate JavaScript
- Intermediate PHP Programming
- Internet Site Administration Fundamentals & Web Security
- Introduction to Data Communications
- Introduction to HTML5/CSS
- Introduction to Java Programming
- Introduction to JavaScript
- Introduction to PHP Programming
- Introduction to UNIX
- Object-Orientated PHP Programming
- PHP MVC Frameworks
- PHP Programming Capstone Project
- Programming Basics for Web Developers
- Project Management Fundamentals
- Resume Building & Job Search Techniques
- Web Animation
- Web Design Principles
- Web Graphics with Adobe Photoshop
- Web Planning & Information Architecture
- XML

*Note: Program content subject to change given local job market requirements.*

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**APPLY ONLINE TODAY @ [PACE.UWINNIPEG.CA](http://PACE.UWINNIPEG.CA)**

**FOR MORE INFORMATION: [PACEft@uwinnipeg.ca](mailto:PACEft@uwinnipeg.ca)**

**MAILING ADDRESS:** University of Winnipeg PACE | 515 Portage Avenue | Winnipeg, MB | R3B 2E9 | Canada

**LOCATION:** Buhler Center | 460 Portage Avenue (at Memorial Boulevard) | Winnipeg, MB