WILSON SCHOOL OF DESIGN

PROGRAM OVERVIEW

DIPLOMA IN

Front-End Development for Interactive Applications

Embark on a dynamic career as a front-end developer with our two-year Diploma in Front-End Development for Interactive Applications. This program equips students with advanced coding skills, emphasizing a balance between user interface and user experience design. With strong design principles, graduates will excel in creating front-end solutions that prioritize functionality, security, and usability across various screens and browsers.

Program Model

The curriculum is designed for students new to both design and coding. Our unique learning-by-doing model integrates practical experience through industry-standard projects in a custom-built computer lab.

The five focus areas are:

» Web Fundamentals, Front-End Technologies + Coding Principles

» Design Fundamentals, UI/UX + Prototyping

» Project Management + Professional Development

» Areas of Specialization: Motion Design + Data Visualization

» Integration Studio + Capstone Courses

YEAR 1	**Fall** Term 1	**Web Development Foundations** FDIT 1100	**Web Systems Development Methodologies** FDIT 1110	**Design Foundations for Interactive Applications** FDIT 1120	**User Interface (UI) Foundations** FDIT 1130	**User Experience (UX) Foundations** FDIT 1140
	Spring Term 2	**Front-End Web Programming** FDIT 1200	**Back-End Web Programming** FDIT 1210	**Front-End Development Frameworks and Libraries I** FDIT 1220	**Design Systems for Interactive Applications** FDIT 1230	**Responsive Design: Principles and Prototyping** FDIT 1240
YEAR 2	**Fall** Term 3	**Front-End Development Frameworks and Libraries II** FDIT 2100	**Project Management and Performance** FDIT 2110	**Web Applications Development Project** FDIT 2120	**Motion Design for Interactive Applications** FDIT 2130	**Design and Development Integration Studio** FDIT 2140
	Spring Term 4	**Special Topics in Web Development** FDIT 2200*	**Professional Development** FDIT 2210	**Data Visualization for Interactive Applications** FDIT 2230	**Design and Development: Capstone** FDIT 2240	

* OR AI For Productivity in Design (DESN 3500)

What Sets Our Program Apart?

» **Comprehensive Curriculum**: From web fundamentals to the latest front-end frameworks, our program covers it all. You'll graduate with a well-rounded skill set, ready to tackle any project that comes your way.

» **Expert Faculty**: Learn from industry professionals and experienced educators who are passionate about front-end development. Benefit from their insights, guidance, and real-world expertise throughout your learning journey.

» **Portfolio Development**: We don't just teach you to code; we help you build a portfolio that showcases your talents to potential employers. Your portfolio will be a testament to your skills and creativity, setting you apart in the job market.

Career Opportunities

Graduates of this program will be employable in both the public and private sector and can be self-employed, with potential job titles including, but not limited to:

» Front-end developer
» Web developer
» Front-end web developer
» Junior front-end engineer
» Junior full stack engineer
» React developer
» Application developer
» Front-end software engineer
» UI/UX designer
» Interactive web designer

Admission Requirements

» English 12 with a min C+ (or equivalent)

Application Dates

» Apply early for limited intake programs
» Apply between October 1 and March 1

kpu.ca/design

WilsonDesignKPU

Contact Us
design@kpu.ca

APPLY ONLINE
kpu.ca/apply

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KPU KWANTLEN POLYTECHNIC UNIVERSITY

International Students
international@kpu.ca
604-599-2866

Future Students' Office
general inquiries
study@kpu.ca
604-599-3030