



## CAREER PROFILES

### Web Designers and Developers:

**Web Designers and Developers** research, design, and produce Internet and Intranet sites. They often work with a development team (business analysts, computer programmers, graphic artists, etc.) to develop a website.

### Wage/Salary Information:

\$77,750 is the median annual salary found in provincial job-postings.

\$26.67/hour is the median wage reported locally.

### Commonly Listed Skills in Job Postings:

- Coding language
- Computer use
- Oral and written communication
- Development
- Creativity
- Detail oriented
- Marketing
- Problem solving
- Teamwork

### Job Duties:

Web Designers and Developers consult with clients and document website requirements and develop website architecture and determine hardware and software requirements. Web Designers and Developers source, select, and organize information for inclusion and design the appearance, layout and flow of the website. They create and optimize content for the website using a variety of graphics, database, animation, and other software. Web Designers and Developers also plan, design, write, modify, integrate, and test website related code and conduct tests and perform security and quality controls.

### Working Conditions:

Workers typically work in an office environment with computers. Self-employed Web Designers and Developers may also be home-based.

This work tends to conform to a regular 40-hour week, however, when projects are at a critical phase involving implementation, workers may be required to work longer hours.

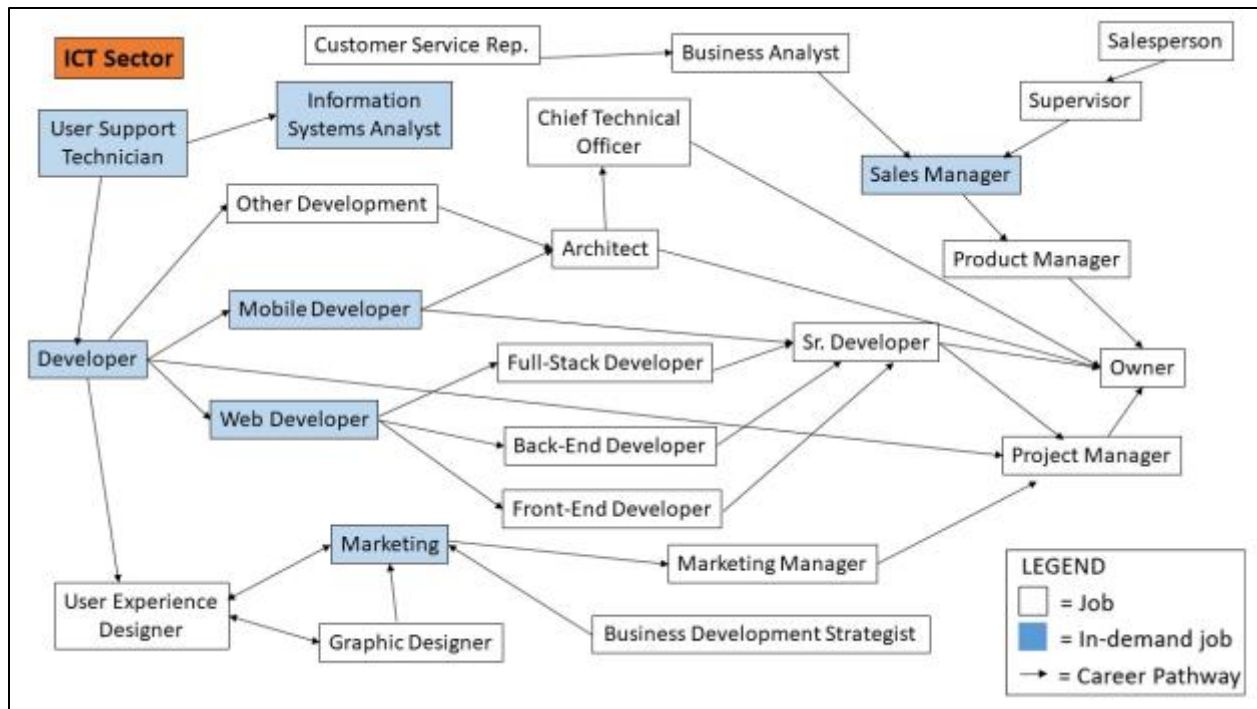
This occupation generally requires long sessions using a keyboard and monitor so Web Designers may be at risk of developing eye strain, backaches and hand and wrist problems (ranging from simple strains to longer-term ailments, such as carpal tunnel syndrome).

### Career Pathways:

This occupation is exciting, challenging, and potentially well-paying for those who are flexible, have excellent communication skills, and seek a continuous series of long or short-term contracts. Recent graduates can expect to find jobs in data entry, basic web design, and basic web programming. Workers may advance to Project Managers, IT Managers, Interface Designers, Senior Programmers, Animators, Video Game Designers, or Art Directors with additional experience and/or education.

Web Designers and Developers are employed in computer software development firms, information technology consulting firms, information technology units throughout the private and public sectors, advertising agencies, or they may be self-employed. Below are potential career pathways for Web Designers and Developers:

- E-Business Website Developer
- Internet Site Designer
- Internet Site Developer
- Intranet Site Designer
- Web Designer
- Web Developer
- Web Manager
- Website Developer
- Webmaster



### Education and Training Pathways:

If you're interested in becoming a Web Designer or Developer, you can acquire training/education locally at any of the following institutions.

#### St. Clair College:

#### **Advertising & Marketing Communications Management**

**Admission/Eligibility Requirements:** OSSD with the majority of courses at College ©, University (U), University/College (M), or Open (O) level qualify for admission to this program

**Academic Credential:** Three Year - Ontario College Advanced Diploma

**Professional Certification:** Unknown

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 3 year

**Program Cycle:** Unknown

**Program Cost:**

- Year 1: \$3,941.61
- Year 2: \$3,781.05

- Year 3: \$3,804.05
- Total: \$11,526.71 (2017/18)

**OSAP Eligible:** Yes

**Location:** 201 Riverside Drive West, Windsor, N9A 5K4

For more information on this program, please visit:

<http://www.stclaircollege.ca/programs/postsec/advertising/>

### **Computer Systems Technician – Networking**

#### **Admission/Eligibility Requirements:**

- OSSD with the majority of courses at the College (C), University (U), University/College (M), or Open (O) level
- Grade 12 Math (C) or (U)

**Academic Credential:** Two Years - Ontario College Diploma

**Professional Certification:** Unknown

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 2 year

**Program Cycle:** Unknown

#### **Program Cost:**

- Year 1: \$3,941.61
- Year 2: \$3,804.05
- Total: \$7,745.66 (2017/18)

**OSAP Eligible:** Yes

**Location:** 2000 Talbot Road West, Windsor, N9A 6S4

For more information on this program, please visit:

[http://www.stclaircollege.ca/programs/postsec/comp\\_technician/](http://www.stclaircollege.ca/programs/postsec/comp_technician/)

### **Computer Systems Technology – Networking**

#### **Admission/Eligibility Requirements:**

- OSSD with the majority of courses at the College (C), University (U), University/College (M), or Open (O) level

- Grade 12 Math (C) or (U)

**Academic Credential:** Three Year - Ontario College Advanced Diploma

**Professional Certification:** Unknown

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 3 years

**Program Cycle:** Unknown

**Program Cost:**

- Year 1: \$3,941.61
- Year 2: \$3,781.95
- Year 3: \$3,804.05
- Total: \$11,527.61 (2017/18)

**OSAP Eligible:** Yes

**Location:** 2000 Talbot Road West, Windsor, N9A 6S4

For more information on this program, please visit:

[http://www.stclaircollege.ca/programs/postsec/comp\\_technology/](http://www.stclaircollege.ca/programs/postsec/comp_technology/)

## Graphic Design

**Admission/Eligibility Requirements:**

- OSSD with the majority of courses at the College (C), University (U), University/College (M), or Open (O) level
- Recommended: Minimum 1 Arts or Media Class, or;
- Mature Student Status

**Academic Credential:** Three Year - Ontario College Advanced Diploma

**Professional Certification:** Unknown

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 3 years - 6 semesters

**Program Cycle:** Unknown

**Program Cost:**

- Year 1: \$4,654.33

- Year 2: \$4,619.49
- Year 3: \$4,642.49
- Total: \$13,916.31 (2017/18)

**OSAP Eligible:** Yes

**Location:** 201 Riverside Drive West, Windsor, N9A 5K4

For more information on this program, please visit:

<http://www.stclaircollege.ca/programs/postsec/graphic/>

## **Internet Applications and Web Development**

### **Admission/Eligibility Requirements:**

- OSSD with the majority of courses at the College (C), University (U), University/College (M), or Open (O) level, or;
- Mature Student Status

**Academic Credential:** Three Year - Ontario College Advanced Diploma

**Professional Certification:** Unknown

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 3 years - 6 semesters

**Program Cycle:** Unknown

**Program Cost:** Unknown

**OSAP Eligible:** Yes

**Location:** 2000 Talbot Road West, Windsor, N9A 6S4

For more information on this program, please visit:

[http://www.stclaircollege.ca/programs/postsec/internet\\_apps\\_web\\_development/](http://www.stclaircollege.ca/programs/postsec/internet_apps_web_development/)

## **University of Windsor:**

### **Business Administration and Computer Science**

#### **Admission Requirements:**

- Mean Admissions Average: 83%
- Minimum Admissions Average: 73% (without co-op and 78% (with co-op) ENG4U and one Grade 12U math with a mark of at least 70%

- For second-year Odette School students: minimum of 75% average
- (Students must obtain major average of 70%+ and cumulative average of 65%+, and successfully complete three paid work terms to remain in Co-op program) (Only one outstanding grade of lower than 50% is permitted)

**Academic Credential:** Degree - Bachelor of Commerce

**Professional Certification:** Opportunity to Concentrate and receive Certificate in Marketing, Human Resources Management, Finance, Accounting, and Information Systems

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 4 years

**Program Cycle:** Intake for Fall, Winter, Summer

**Program Cost:** \*\$10867.86

**OSAP Eligible:** Yes

**Location:** 401 Sunset Avenue, Windsor, N9B 3P4

For more information on this program, please visit:

<http://www.uwindsor.ca/studentrecruitment/333/business-administration-honours-and-computer-science-optional-co-op>

## General Computer Science

### Admission Requirements:

- Mean Admission Average: 81%
- Minimum Admission Average: 70% (without co-op) and 75% (with co-op)
- ENG4U, and MHF4U. MCV4U strongly recommended.
- 70% Math average.
- Co-op programs require 75%+70% second Math average.

**Academic Credential:** Degree - B.C.S.

**Professional Certification:** Opportunity to Concentrate in Web Development or Information Systems

**Attendance:** In-person

**Full-time or Part-time:** Full-time or part-time

**Program Length:** 3 years

**Program Cycle:** Intake for Fall, Winter, Summer

**Program Cost:** \*\$11143.56

**OSAP Eligible:** Yes

**Location:** 401 Sunset Avenue, Windsor, N9B 3P4

For more information on this program, please visit:

<http://www1.uwindsor.ca/cs/>

## **Applied Computing**

### **Admission Requirements:**

- Mean Admission Average: 81%
- Minimum Admission Average: 70% (without co-op) and 75% (with co-op)
- ENG4U, and MHF4U.
- MCV4U strongly recommended.
- 70% Math average. Co-op programs require 75%+70% second Math average.

**Academic Credential:** Degree - B.C.S.

**Professional Certification:** Opportunity to Concentrate in Web Development or Information Systems

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 4 years

**Program Cycle:** Intake for Fall, Winter, Summer

**Program Cost:** \*\$11143.56

**OSAP Eligible:** Yes

**Location:** 401 Sunset Avenue, Windsor, N9B 3P4

For more information on this program, please visit:

<http://www1.uwindsor.ca/cs/809/bachelor-of-computer-science-honours-applied-computing>

## **Computer Science with Software Engineer Specialization**

### **Admission Requirements:**

- Mean Admission Average: 81%
- Minimum Admission Average: 70% (without co-op) and 75% (with co-op)
- ENG4U, and MHF4U.
- MCV4U strongly recommended.



- 70% Math average.
- Co-op programs require 75%+70% second Math average.

**Academic Credential:** Degree - B.C.S.

**Professional Certification:** Specialization in Software Engineering

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 4 years

**Program Cycle:** Intake for Fall, Winter, Summer

**Program Cost:** \*\$11143.56

**OSAP Eligible:** Yes

**Location:** 401 Sunset Avenue, Windsor, N9B 3P4

For more information on this program, please visit:

<http://www.uwindsor.ca/studentrecruitment/344/computer-science-software-engineering-specialization-honours-optional-co-op>

## Computer Science

### Admission Requirements:

- Mean Admission Average: 81%
- Minimum Admission Average: 70% (without co-op) and 75% (with co-op)
- ENG4U, and MHF4U. MCV4U strongly recommended.
- 70% Math average.
- Co-op programs require 75%+70% second Math average.

**Academic Credential:** Degree - B.C.S.

**Professional Certification:** Opportunity to Concentrate in Web Development or Information Systems

**Attendance:** In-person

**Full-time or Part-time:** Full-time

**Program Length:** 4 years

**Program Cycle:** Intake for Fall, Winter, Summer

**Program Cost:** \*\$11143.56

**OSAP Eligible:** Yes

**Location:** 401 Sunset Avenue, Windsor, N9B 3P4

For more information on this program, please visit:

<http://www1.uwindsor.ca/cs/>

***Disclaimer:** The educational institution reserves the right to change information without notice, and may result in discrepancies between their information and the information presented above. If any errors are found, please report them to [info@workforcewindsoressex.com](mailto:info@workforcewindsoressex.com).*