# Web Applications Specialist Certificate

This certificate is designed for those seeking entry-level positions and those who are currently employed and want to improve their job skills and career opportunities relating to Web-oriented applications. This certificate gives an employer tangible evidence of Web-based software skills and competencies.

(Major Code 5610; State CIP Code 11.0202)

- Computing Sciences and Information Technology (http://www.jccc.edu/computing-sciences-and-information-technology)

## Prerequisite for Required Courses

Prior to beginning the program, the student must take the follow prerequisite, or have taken an equivalent course, or have passed the waiver test, or have obtained a waiver from the program administrator.

| | | |
|---|---|---|
| CPCA 105 | Introduction to Personal Computers: Windows | 1 |

## First Semester

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|---|---|---|
| **First Five Week Session:** | | |
| Elective from First Semester List of Electives (see below) | | 1 |
| CWEB 101 | Introduction to the Web using Internet Explorer* | 1 |
| **Second Five Week Session:** | | |
| CWEB 105 | Introduction to Web Pages: Dreamweaver* | 1 |
| CWEB 104 | Introduction to Web Pages: Expression Web* | 1 |
| **Third Five Week Session:** | | |
| Elective from First Semester List of Electives (see below) | | 1 |
| CWEB 111 | Intermed Web Concepts/Techniques using Explorer* | 1 |
| CWEB 114 | Intermediate Web Pages: Expression Web* | 1 |
| or CWEB 115 | Intermediate Web Pages: Dreamweaver* | |
| Total Hours | | 7 |

## First Semester List of Electives

| | | |
|---|---|---|
| CDTP 135 | Desktop Photo Manipulation I: Photoshop | 1 |
| CDTP 145 | Desktop Illustration I: Illustrator | 1 |
| CWEB 130 | Introduction to Flash* | 1 |

## Second Semester

| | | |
|---|---|---|
| **First Five Week Session:** | | |
| CWEB 230 | Introductory E-Commerce Applications* | 1 |
| CPCA 114 | Databases I: MS Access* | 1 |
| **Second Five Week Session:** | | |
| Elective from Second Semester List of Electives (see list below) | | 1 |
| CWEB 136 | Introduction to PHP* | 1 |
| CWEB 240 | Intermediate E-Commerce Applications* | 1 |
| **Third Five Week Session:** | | |
| Elective from Second Semester List of Electives (see list below) | | 1 |
| CWEB 146 | PHP with MySQL* | 1 |
| Total Hours | | 7 |

## Second Semester List of Electives

| | | |
|---|---|---|
| CPCA 161 | Introduction to Web Pages using HTML* | 1 |
| CWEB 160 | Introduction to JavaScript* | 1 |

**Total Program Hours: 14**