

## Web Technologies Certificate

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The Web Technologies 16-credit hour certificate is designed as a starting point for students to pursue a career in a web-related field. The certificate provides foundational technical skills needed to prepare them for a career in a web-related occupation. Students learn how to combine critical thinking with the appropriate methodology to create and maintain web pages. This certificate exclusively emphasizes technical coursework. Upon completion of the certificate, students may enter the workforce in an entry-level web development position or continue their studies.

(Major Code 6760; CIP Code 11.0801)

Web Development & Digital Media Program web page (<http://www.jccc.edu/academics/credit/web-development-digital-media/>)

### Program Learning Outcomes

Johnson County Community College (JCCC) is committed to offering high-quality affordable programs that focus on developing knowledge and skills conducive to life-long learning. Both the General Education Student Learning Outcomes (<https://www.jccc.edu/about/leadership-governance/administration/institutional-effectiveness-branch/outcomes-assessment/learning-outcomes.html>) and Institutional Learning Outcomes (<https://www.jccc.edu/about/leadership-governance/administration/institutional-effectiveness-branch/outcomes-assessment/institutional-learning-outcomes.html>) convey JCCC's approach to programmatic outcomes. Additionally, students who successfully complete the Web Technologies Certificate from JCCC will be able to:

- Create valid and semantically correct HTML pages.
- Create CSS documents that use cascading styles and follow best practices in responsive design.
- Create JS scripts and integrate them into HTML pages.
- Develop professional soft skills and documentation required for the web development industry.
- Develop content, communication, and project strategies.
- Create content following web page standards, policies, and requirements for accessibility and understand how to publish them to the web.

### Certificate Requirements

#### Required Courses

| Code               | Title   | Hours     |
|--------------------|---|-----------|
| IT 120             | CompTIA A+ Core 2                             | 3         |
| WEB 110            | HTML and CSS                                  | 3         |
| WEB 112            | Professional Skills for the Digital Developer | 3         |
| WEB 114            | Web Scripting: JavaScript I*                  | 2         |
| WEB 116            | Digital Media Concepts                        | 2         |
| WEB 118            | Digital Workflow                              | 3         |
| <b>Total Hours</b> |   | <b>16</b> |

**Total Program Hours: 16**

\* This course has registration requirements.