

# WEB DESIGN & DEVELOPMENT, CERTIFICATE OF PROFICIENCY



The goal of the Certificate of Proficiency in Web Design Development is to prepare candidates for a rewarding career in this expanding field. The curriculum is based on web standards and best practices of web design development companies, as well as in-house or corporate web teams. Learners are assisted in the development of technical, design and professional skills while building a strong, marketable portfolio. The certificate offers in-depth coursework in a broad range of web related skills, from coding to user experience. This sequence is especially beneficial for those who already hold a degree in a related field but wish to update or add web design development to their skillset. Learners who wish to apply these courses to obtain an Associate of Applied Business degree in Visual Communication and Design with a concentration in Web and Interactive Media may do so seamlessly.

**Program contact:** Learn more

**This certificate will be automatically awarded when the certificate requirements are completed. If you do not want to receive the certificate, please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.**

Learn more about how certificate credits apply to the related degree.

## Program Admission Requirements

- High School Diploma/GED not required, but highly recommended.
- ENG-0995 Applied College Literacies or appropriate score on English Placement Test recommended.
- MATH-0955 Beginning Algebra or appropriate score on Math Placement Test is highly recommended.
- Complete VC-1000 Visual Communication Foundation

## Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

1. Utilize interviews, surveys, questionnaires and general research to assess client and end users needs. Identify possible technical and organizational solutions to meet desired outcomes.
2. Build wireframes, flowcharts, lists, navigational structure and visual designs per research and client consensus.
3. Construct websites per specifications, conduct usability and technical testing, make corrections and adjustments as needed and deploy. Measure and analyze post-execution outcomes.

4. Develop essential interpersonal skills including collaboration, adaptability, presenting ideas and understanding cultural diversity. Practice maintaining a good attitude, balancing multiple deadlines, work ethic, listening, written, and verbal communication skills. Utilize knowledge of copyright law and ethics to ensure the integrity of project. Plan for ongoing professional development.

## Suggested Semester Sequence

Summer Start		Credit Hours
VCIM-1570	Web Publishing I: HTML	3
VC-1000	Visual Communication Foundation	3
Credit Hours		6
First Semester		
VC-1201	Typography I	3
VCPH-1450	Digital Imaging I	3
VCIM-1770	Web Publishing II: Site Theory & Construction	3
Select one of the following:		3
VCIM-2271	2D Animation	
VC-1431	Vector Graphics	
Credit Hours		12
Second Semester		
VCIM-2281	Web Publishing III: JavaScript	3
VCIM-2291	Web Publishing IV: Data-Driven Sites	3
VCIM-2700	User Experience Design	3
Select one of the following:		3
VC-2991	Portfolio Preparation	
VCIM-2072	Service Learning: Real World Experience in Web, Game Design, and Interactive Media	
Credit Hours		12
Total Credit Hours		30