WEB DESIGN & DEVELOPMENT, CERTIFICATE OF PROFICIENCY

The Certificate of Proficiency in Visual Communication & Design, Web Design & Development program provides students with foundational training in graphic design, web-based media, including HTML, CSS and JavaScript, web design best practices, and industry standard prototyping for rich interactive experiences. No prior coding experience is required to enroll. Students will learn the technical skills to design modern, dynamic, data-driven websites from the ground up, while gaining an understanding of the web design process and developing skills for effective collaboration on projects.

Credits can also apply to associate degrees in Visual Communication and Design.

This program is available to be completed 100% online.

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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 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-2281	Web Publishing III: JavaScript	3
Select one of the following:		3
VCIM-2271	2D Animation	
VC-1431	Vector Graphics	
	Credit Hours	**12**
Second Semester		
VCIM-1770	Web Publishing II: Site Theory & Construction	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**

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.