WEB DESIGN AND DEVELOPMENT CERTIFICATE

The 3-course Web Design and Development Certificate equips students with the marketable skillset needed to design and develop websites and web applications for today's marketplace. Using WordPress, students will learn about the design and accessibility of websites using a JavaScript-based programming stack for web development (HTML/CSS/JavaScript/React or similar JavasScript framework).

Upon successful completion of the program, students will have the skills needed to seek out entry-level and freelance positions in web design and development roles.

Curriculum

Code	Title	Hours
Certificate Requirements		
COMM 275	Web Design and Usability	3
CPST 242	Design for the Web	3
CPST 342	Introduction to Web Application Development	3
Total Hours		**9**

Optional:

- CPST 265 Special Topics – 1-3 credits of directed study. Students will construct a website for a community non-profit organization under the guidance of a Faculty member.

Suggested Sequence of Courses

The School of Continuing and Professional Studies provides a high-touch advising model in order to incorporate the professional and educational outcomes of the student as well as any transfer credit accepted. In order to provide students with maximum flexibility in their education and because everyone's academic background will vary, advisors will work directly with students to determine an appropriate sequence of courses starting at admission into their respective program based on their needs and expected time to completion.

Learning Outcomes

Upon successful completion of the certificate, candidates will be able to:

1. Apply graphic design principles and web standards to proficiently plan, design, and construct modern, browser-compatible websites while incorporating HTML, CSS, and JS.
2. Develop and deploy modern, standards-compliant web applications while demonstrating proficiency in best practices, utilizing contemporary web technology solutions, and effectively managing software project versions through version control techniques.