

UI/UX DESIGN & ACCESSIBILITY CERTIFICATE

The UI/UX Design & Accessibility Certificate equips learners with the creative, technical, and ethical skills needed to design inclusive, engaging, and user-friendly digital experiences.

This program prepares students to design digital products that serve diverse users, meet modern web standards, and leverage AI-enabled design tools. Through hands-on projects, students explore user interface (UI) design principles, user experience (UX) research methods, and accessibility best practices based on WCAG and ADA guidelines – while also learning how to integrate artificial intelligence into the design process to enhance efficiency and personalization.

Ideal for professionals seeking to expand their design and technology skills, this program blends design thinking, usability testing, and inclusive design to ensure graduates can confidently contribute to cross-functional design and development teams.

Related Programs

Major

- Web Technologies (BA) (<https://catalog.luc.edu/undergraduate/continuing-professional-studies/web-technologies-ba/>)

Certificate

- Web Programming Certificate (<https://catalog.luc.edu/graduate-professional/graduate-school/arts-sciences/computer-science/web-programming-graduate-certificate/>)

Curriculum

Code	Title	Hours
CPST 242	Design for the Web	3
CPST 248	Web Accessibility and UX Strategy	3
CPST 249	User Experience Design Tools and Techniques	3
CPST 342	Introduction to Web Application Development	3
Total Hours		12

Optional:

- CPST 265 Special Topics – 1-3 credits of directed study. Students will complete a UX Design project for a community non-profit organization or another client 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:

- Critique website aesthetics, accessibility, and usability and apply graphic design principles to strategically align business objectives with UX Design goals by effectively utilizing the User Experience (UX) Design process.
- Effectively apply the User Experience (UX) Design process, utilizing personas, task models, and user journey mapping techniques, to connect and align business objectives with UX Design goals.