Undergraduate Certificate

WEBSITE DEVELOPMENT

ABOUT THIS PROGRAM

DeVry University's Website Development certificate program is designed to prepare graduates to develop the user experience (UX) for responsive, interactive and data-driven websites by writing web-based code that adds interactivity, responsive design, navigation, databases and multimedia elements to websites. The curriculum is designed with concepts from the Adobe Certification Exam built in to help students prepare to take the Adobe Certified Associate (ACA) Exam, which is recognized as an industry standard of achievement.

Working in a variety of industries such as advertising, marketing, technical communications, publishing and training, website developers author code and use software applications to produce visual solutions for communications, especially for the Internet, including web graphics, web animations, web videos and infographics. They also test website functionality and accessibility, fix bugs and optimize website performance.

Graduates of DeVry University's Website Development certificate program may consider careers including, but not limited to, the following:

- Graphic Designer
- Multimedia Artist/Animator
- Web Designer
- Web Developer
- Website Editor
- Website Producer

Through our TechPath approach, we've put technology at the core of our programs in business, tech and health – including this program. Every TechPath class you take revolves around a unique learning rubric developed at DeVry. We call it People-Process-Data-Devices or P2D2. You’ll gain real skills in collaboration, be able to adapt to new structures, and be comfortable working with data and a wide spectrum of tech-forward tools. P2D2 is a key component of what makes TechPath a smart, new way of getting the knowledge you need to be ready to hit the ground running in the way successful companies work today.

For comprehensive consumer information, visit devry.edu/studentconsumerinfo. Important information about the education debt, earnings and completion rates of students who attended this program can be found at devry.edu/ucwdd-ge.

For additional program information, visit devry.edu/ucwdd.

In New York, DeVry University operates as DeVry College of New York. DeVry University is accredited by the Higher Learning Commission (HLC), http://www.hlc.org. Keller Graduate School of Management is included in this accreditation. DeVry is certified to operate by the State Council of Higher Education for Virginia. Arlington Campus 2450 Crystal Dr., Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission. www.tn.gov/education. In Nashville Campus: 3343 Perimeter Hill Dr., Nashville, TN 37211. Program availability varies by location. In site-based programs, students will be required to take a substantial amount of coursework online to complete their program. ©2018 DeVry Educational Development Corp. All rights reserved. Version 08/31/18.

KNOWLEDGE AND SKILLS

CONTENT CREATION AND MANAGEMENT — Write, design or edit web page content, or direct others producing content.

DESIGN — Design, build and maintain websites, using authoring or scripting languages, content creation tools, management tools and digital media.

WEBSITE DEVELOPMENT — Learn to use cascading style sheets (CSS), databases and code to improve the operation of front- and back-end website development.

SOFTWARE AND PROGRAMMING PROFICIENCY — Understand and be able to use web programming languages such as HTML, CSS, JavaScript, and PHP, as well as industry-specific software, such as Adobe Creative Cloud®.

CODE REVIEW — Learn to evaluate code to ensure that it is accessible, valid and properly structured; meets industry standards; and is compatible with browsers, devices or operating systems.

MULTIMEDIA INTEGRATION — Use multimedia authoring tools and techniques to create interactive websites and dynamic web applications by integrating assets such as video, audio, images and animation.

DATABASE METHODOLOGY — Study concepts and methods fundamental to database development and use, including data analysis, modeling and structured query language (SQL). Explore the basic functions and features of a database management system (DBMS).

COURSEWORK

Web Graphic Design
WGD210 Digital Imaging Fundamentals
WGD229 Information Design
WGD232 Web Design
WGD242 Advanced Web Design
WGD251 Responsive Web Design

Web Development
CISS36 Introduction to Database with Lab
WBG310 Interactive Web Page Scripting with Lab
WBG340 Programming Multimedia for the Web with Lab
WBG410 Dynamic Website Development and Database Integration with Lab
WDD420 Web Accessibility with Lab

DID YOU KNOW?

DeVry's curriculum is designed with concepts from the Adobe Certification Exam. Earn your certificate in Website Development and prepare to sit for the Adobe Certified Associate Exam in Photoshop, Dreamweaver, Flash, Illustrator or InDesign. Certification signifies an industry standard of achievement.

Courses in blue are part of the DeVry Tech Path