

# Undergraduate Certificate

# WEBSITE DEVELOPMENT

## COLLEGE OF MEDIA ARTS & TECHNOLOGY

### QUICK FACTS

**39**  
CREDIT HOURS  
minimum credit hours  
required for graduation

**15%**  
GROWTH NATIONALLY FROM 2016-2026  
FOR EMPLOYMENT OF "WEB DEVELOPERS"

**1**  
YEAR  
minimum length  
to graduate\*

\*<https://www.bls.gov/brief-computer-and-information-technology/web-developers.html>. Data reflects a national projected percentage change in employment from 2016-2026 and may not reflect local economic conditions. \*Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at <https://www.devr.edu/college-programs.html>.

## 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.

## 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

<b>WGD210</b>	Digital Imaging Fundamentals
<b>WGD229</b>	Information Design
<b>WGD232</b>	Web Design
<b>WGD242</b>	Advanced Web Design
<b>WGD251</b>	Responsive Web Design

### Web Development

<b>CIS336</b>	Introduction to Database with Lab
<b>WBG310</b>	Interactive Web Page Scripting with Lab
<b>WBG340</b>	Programming Multimedia for the Web with Lab
<b>WBG410</b>	Dynamic Website Development and Database Integration with Lab
<b>WDD420</b>	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

For comprehensive consumer information, visit [devry.edu/studentconsumerinfo](http://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](http://devry.edu/ucwdd-ge). For additional program information, visit [devry.edu/ucwdd](http://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.hlcommission.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/thecc](http://www.tn.gov/thecc) 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 08/01/18

Programs, course requirements and availability vary by location. Some courses may be available online only. All students enrolled in site-based programs will be required to take some coursework online and, for some programs and locations, a substantial portion of the program may be required to be completed online. DeVry's academic catalog, available via [devry.edu/catalogs](http://devry.edu/catalogs), contains the most current and detailed program information, including admission, progression and graduation requirements. Information contained herein is effective as of date of publishing. Visit [Devry.edu](http://Devry.edu) or call 888.DEVRY.04

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