

# WEBSITE DEVELOPMENT



## ABOUT THIS PROGRAM

### IS THIS PROGRAM FOR YOU?

If writing and designing web page content appeals to you, or if you are interested in learning the tools to program interactive web pages and games, this may be the program for you.

### A PROGRAM TO FUEL YOUR FUTURE

Prepare to develop the skills needed to develop responsive web pages, web graphics and web-based databases when you pursue the Website Development undergraduate certificate. Through hands-on assignments and projects, students experience curriculum that includes concepts from the Adobe Certification Exam to help them prepare to pursue the Adobe Certified Associate (ACA) Exam.

## CAREER OPPORTUNITIES

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

- Web Designer
- Web Developer
- Website Editor
- Website Producer

## QUICK FACTS

**38**  
CREDIT HOURS  
minimum hours required  
for graduation

**8%**  
GROWTH  
nationally from  
2019-2029 for  
employment of  
web developers<sup>1</sup>

**1**  
YEAR  
time to complete<sup>2</sup>

**FLEX  
2 FIT**

### FLEXIBILITY TO FIT YOUR LIFE

Take courses online, on campus or in our innovative connected classrooms. Study full- or part-time and tailor your DeVry experience to fit your life. Classes start every 8 weeks, so you can begin your college degree when it makes sense for you.



### MICROSOFT OFFICE PRODUCTIVITY TOOLS

To ensure you have a robust learning experience, as part of your program, you will use latest version of the Microsoft Office suite to communicate business information, analyze data and report findings.

**Adobe**

### ADOBE CERTIFICATION PREP

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

<sup>1</sup> According to the BLS, employment of web developers, on a national level, is projected to grow 8% from 2019-2029. Local growth will vary by location. <https://www.bls.gov/ooh/computer-and-information-technology/web-developers.htm>

<sup>2</sup> Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at <https://www.devry.edu/online-programs.html>

## Website Development

### PROGRAM OUTLINE

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#### WEB GRAPHIC DESIGN

CIS363B	Web Interface Design with Lab
WGD210	Digital Imaging Fundamentals
WGD229	Information Design
WGD242	Advanced Web Design
WGD251	Responsive Web Design

#### WEB DEVELOPMENT

CEIS236	Database Systems and Programming Fundamentals
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

### WHAT YOU'LL LEARN

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#### WEB GRAPHIC DESIGN

- Understand current web technologies and web development practices
- Write, design or edit web page content or direct others producing content
- Learn to evaluate code to ensure that it is accessible, valid and properly structured
- Build and maintain websites
- Understand and be able to use web programming languages such as HTML, CSS and JavaScript as well as industry specific software such as Adobe Creative Cloud
- Learn to use databases, and code for front and back-end website development

#### WEB DEVELOPMENT

- Learn to program dynamic, interactive web pages and web-based games
- Use multimedia authoring tools and techniques to create web-based games and dynamic web pages
- Explore advanced techniques used to design and develop websites
- Implement websites that meet industry standards and legal requirements for accessibility

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In New York, DeVry University operates as DeVry College of New York. DeVry University is accredited by The Higher Learning Commission (HLC), <https://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, <https://www.tn.gov/thecc>. Nashville Campus: 301 S. Perimeter Park Dr., Ste. 100, Nashville, TN 37211. 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 <https://www.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. ©2021 DeVry Educational Development Corp. All rights reserved. Version 6/2/21