WEB AND MOBILE APPLICATION DEVELOPMENT

ABOUT THIS PROGRAM

IS THIS PROGRAM FOR YOU?
Are you interested in learning about web application programming and how user interfaces work? Web and mobile applications are in virtually every part of our lives. Explore these interactive applications in this certificate program and learn to create code for web and mobile applications, apply design principles and develop websites.

A PROGRAM TO FUEL YOUR FUTURE
Learn the skills needed to code front- and back-end web and mobile applications using industry recognized standards like HTML and CSS, and programming languages like JavaScript and Python as well as basic graphic and design principles of web media.

CAREER OPPORTUNITIES
Graduates of DeVry’s Web and Mobile Applications certificate program may consider, but are not limited to, entry level opportunities in positions, such as:

- Software Applications Developer
- Web Developer
- Mobile App Developer

QUICK FACTS

<table>
<thead>
<tr>
<th>CREDIT HOURS</th>
<th>COURSES</th>
<th>YEAR</th>
<th>MONTHS</th>
</tr>
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<tbody>
<tr>
<td>43</td>
<td>13</td>
<td>1</td>
<td>+4</td>
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ANCHORED IN TECH CORE
Prepare to be immersed in coursework designed to help you build interdisciplinary skills you’ll need for today’s Internet of Things (IoT) economy. Project work and activities allow you to develop relevant skills in:

- Digital Devices
- Coding
- Operating Systems

WORK WITH IOT TECHNOLOGIES & SYSTEMS
Immerse yourself in the Internet of Things (IoT) world and obtain hands-on experience with IoT, cloud, software and security technologies and systems.

CERTIFICATION EXAM ALIGNED CURRICULUM
Experience elements of our technology curriculum focused on real-world industry standards and prepare for certification opportunities that help validate your knowledge and skills.

- CompTIA IT Fundamentals
- CompTIA Linux+
- PCEP – Certified Entry-Level Python Programmer

EVERY COURSE COUNTS
Make the most of your Web and Mobile Application Development Certificate from DeVry by applying qualifying credits toward a bachelor’s degree at DeVry. Credits from this certificate stack into DeVry’s Bachelor’s Degree in Software Development with a specialization in Web and Mobile Application Development.

1 Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/online-programs.html.
Undergraduate Certificate | Tech
Web and Mobile Application Development

Program Courses

Mathematics
- MATH 114 Algebra for College Students

Tech Core
- CEIS101C Introduction to Technology and Information Systems
- CEIS106 Introduction to Operating Systems
- CEIS110 Introduction to Programming

Information Systems and Programming
- CEIS150 Programming with Objects
- CEIS209 Intermediate Programming
- CEIS236 Database Systems and Programming Fundamentals

Application Development
- CIS355A Business Application Programming with Lab

Web and Mobile Application Development
- CEIS320 Introduction to Mobile Device Programming
- CIS363B Web Interface Design with Lab
- CIS407A Web Application Development with Lab

Career Preparation
- CARD205 Career Development
- CEIS299 Careers and Technology

What You’ll Learn

Essentials
- Solve complex problems
- Analyze numerical data

Tech Core
- Network, secure and deploy digital devices and sensors in the IoT ecosystem
- Script and write components of an application or program
- Install and configure operating systems using Command Line Interface (CLI)

Program
- Program and manage large data systems
- Solve technical problems using an algorithmic approach and basic programming and coding methods

Specialized
- Design web-based applications
- Program and secure mobile devices
- Design mobile device applications

How Do Credentials Stack?
The Web and Mobile Application Development certificate can serve as a steppingstone to our Software Development bachelor's degree when you specialize in Web and Mobile Application Development. If you choose to continue on with your education, all credits apply to your bachelor’s degree. Build your confidence – and your resume – when you start your journey at DeVry.

Earn a credential at every step.

Certificate
- 43 Credit Hours

Bachelor’s
- +77 Credit Hours Remaining
- 120 Total

The figures displayed represent the minimum credit hours required for graduation. At the time of application to the next credential level, an evaluation of qualifying transfer credit will occur and the most beneficial outcome will be applied.

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