

WEB AND MOBILE APPLICATION DEVELOPMENT



ABOUT THIS PROGRAM

IS THIS PROGRAM FOR ME?

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, Python C++, and Java 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

43
CREDIT HOURS
minimum credit hours
required for graduation

13
COURSES

1 + 4
YEAR MONTHS
minimum length for graduation¹

TECH CORE

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

IoT KIT

IOT KIT²

Simulate the Internet of Things (IoT) experience wherever you are. You'll get hands-on experience using digital devices, sensors and other cloud-based tools to build relevant IoT systems.

SKILLS FOCUSED

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+
- Microsoft Technical Associate – Python



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>.

² The IoT Kit is a required expense and is not complimentary.

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

CIS170C Programming with Lab

CIS247C Object-Oriented Programming with Lab

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
- Scripting and writing components of an application or program
- Install and configure operating systems using Command Line Interface (CLI)

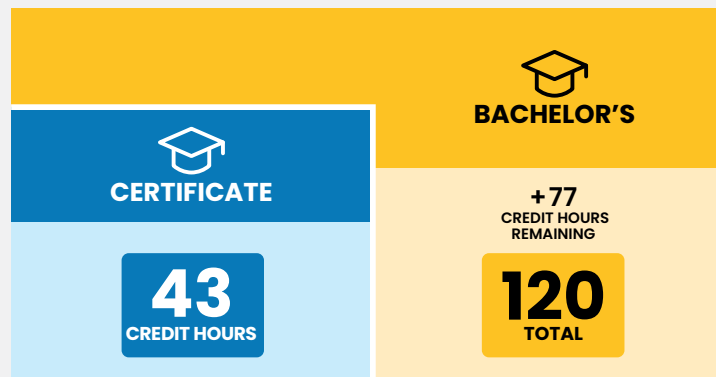
PROGRAM

- 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

Earn a credential at every step.



¹The 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.

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 DeVry¹.

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