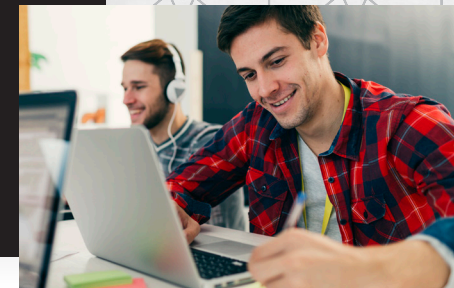


CYBER SECURITY



ABOUT THIS PROGRAM

IS THIS PROGRAM FOR YOU

If you're interested in pursuing a career in cybersecurity and defending organizations from malicious attacks, then this program may be for you.

A PROGRAM TO FUEL YOUR FUTURE

Prepare to develop the critical skills needed to defend organizations and government agencies from data breaches with this certificate program. Through online simulations and assignments, you will create strategies necessary to secure networks, apply information assurance policies to mitigate risks and leverage your knowledge of ethical and legal issues to apply the appropriate security solutions.

CAREER OPPORTUNITIES

Graduates of DeVry's Cyber Security certificate program may consider, but are not limited to, the following careers:

Entry level opportunities in such positions as:

- Network System Administration
- Information Security Analyst
- Cybersecurity Technician
- Computer User Support Specialist

QUICK FACTS

40
CREDIT HOURS
minimum credit hours
required for graduation

14
COURSES

32%
GROWTH
nationally from 2018-2028 for
employment of Information
Security Analysts¹

1 + 4
YEAR MONTHS
minimum length for graduation²

**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:

- Programming
- Hardware
- Connectivity
- Security
- Operating Systems

IoT KIT

PORTABLE IOT KIT

You can simulate the Internet of Things (IoT) experience wherever you are. With our portable IoT Kit, you'll get hands-on experience using digital devices, sensors and other tools to build relevant IoT systems.

**INDUSTRY
ALIGNED**

INDUSTRY ALIGNED CURRICULUM

Experience curriculum aligned to real-world industry standards and prepare for certification opportunities that help validate your knowledge and skills.

- CompTIA A+ • CompTIA Linux+ • CompTIA Network+
- Microsoft Technology Associate – Python • CompTIA Cloud+
- CompTIA Security+ • CompTIA PenTest+
- EC Council Certified Network Defender • EC Council Certified Ethical Hacker



EVERY COURSE COUNTS

The Cyber Security certificate can serve as a stepping stone to our Information Technology and Networking or Computer Information Systems bachelor's degrees when you specialize in cyber security. If you choose to continue on with your education, all credits apply to your bachelor's degree, saving you time and money.

¹ <https://www.bls.gov/ooh/computer-and-information-technology/information-security-analysts.htm>. Data reflects a national projected percentage change in employment from 2018-2028 and may not reflect local economic conditions.

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

PROGRAM OUTLINE

MATHEMATICS

MATH114 Algebra for College Students

TECH CORE

CEIS101C Introduction to Technology and Information Systems
CEIS106 Introduction to Operating Systems
CEIS110 Introduction to Programming
CEIS114 Introduction Digital Devices
NETW191 Fundamentals of Information Technology & Networking
NETW211 Fundamentals of Cloud Computing
SEC285 Fundamentals of Information Security

CYBER SECURITY

SEC290 Fundamentals of Infrastructure Security
SEC310 Principles and Theory of Security Management
SEC311 Ethical Hacking
SEC321 Network Security Testing with Lab

CAREER PREPARATION

CEIS299 Careers and Technology
CEIS499 Preparation for the Profession

WHAT YOU'LL LEARN

MATHEMATICS

- Analyze data
- Solve problems

TECH CORE

- Produce, secure, operate and troubleshoot small enterprise networks
- Network, secure and deploy digital devices and sensors into the IoT ecosystem
- Solve technical problems using an algorithmic approach and basic programming and coding methods
- Install and configure operating systems using Command-Line Interface (CLI)

CYBER SECURITY

- Create strategies to secure networks, mitigate risks and protect information assets
- Implement, validate and update security infrastructure and measures
- Apply and manage information assurance policies, while upholding ethical, legal and regulatory guidelines

CAREER PREPARATION

- Apply principles of technology in the building, testing, operation and maintenance of connected and distributed digital-based systems and networks

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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), 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: 1400 Crystal Dr., Ste. 120, Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission, www.tn.gov/thec. Nashville Campus: 3343 Perimeter Hill Dr., Nashville, TN 37211. Unresolved complaints may be reported to the Illinois Board of Higher Education through the online complaint system <http://complaints.ibhe.org/> or by mail to 1 N. Old State Capitol Plaza, Ste. 333, Springfield, IL 62701-1377. 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. ©2020 DeVry Educational Development Corp. All rights reserved. 7/1/20