ABOUT THIS DEGREE PROGRAM

A FOUNDATION IN TECHNOLOGY

This program is anchored with Tech Core, curriculum designed to help you build a foundation of interdisciplinary skills you’ll need for today’s Internet of Things (IoT) economy. You’ll learn relevant skills in operating systems, programming, hardware, connectivity and security – giving you a hands-on foundation in engineering technology, information technology and software and information systems.

A PROGRAM TO FUEL YOUR FUTURE

Learn protocols and techniques necessary to protect information from unauthorized access, distribution, disruption, use, destruction and / or modification. You’ll learn to understand how asset protection works in electronic and physical data storage.

IS THIS PROGRAM FOR YOU?

Interested in pursuing a career in computer information systems and working to protect sensitive and confidential information? Then this program may be the right fit for you.

CAREER OPPORTUNITIES

Graduates of DeVry’s Computer Information Systems degree program with a specialization in Information Systems Security may consider, but are not limited to, the following careers:

- Computer Systems Administrator
- Computer Systems Analyst
- Computer Programmer
- Computer Security Specialist
- Information Security Specialist/ Analyst

WHAT YOU’LL LEARN

ESSENTIALS
- Communicate methods and findings
- Collaborate in dynamic work environments
- Solve complex problems
- Analyze numerical data
- Apply appropriate technologies

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)

PROGRAM
- Use advanced programming techniques
- Develop applications
- Analyze and design software systems
- Develop web-based interfaces and designs

SPECIALIZED
- Identify and mitigate organization security issues
- Develop standards, policies and procedures
- Recognize security issues and deploy solutions
- Assess threats and develop countermeasures

WORK WITH IOT TECHNOLOGIES & SYSTEMS

Immerse yourself in the Internet of Things (IoT) world and obtain hands-on experience with IoT, cloud, and security technologies and systems.

CERTIFICATION EXAM REIMBURSEMENT

We reimburse qualified students up to $300 for the cost of one industry certification exam attempt across a wide range of fields.

QUICK FACTS

124 CREDIT HOURS
minimum credit hours required for graduation

31% GROWTH
nationally from 2019-2029 for Employment of Information Security Analysts

2 + 8 YEARS + MONTHS
minimum length to graduation

3-IN-1
Earn two extra credentials with our unique 3-in-1 design. All courses in our Programming Essentials Certificate and Information Technology & Networking Associate degree with a specialization in Information Systems and Programming are embedded within this program. So you can earn a certificate and an associate degree on the way to your bachelor’s.

IoT PROJECTS
Immerse yourself in the Internet of Things (IoT) world and obtain hands-on experience with IoT, cloud, and security technologies and systems.

1 127 for students enrolled at a Pennsylvania location
3 Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/online-programs.html.
# Bachelor's Degree Program

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