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 respond to and minimize damage from a cyberattack. You’ll also learn how a computer forensic team works to identify breaches and hacks, understand the source and recover assets.

IS THIS PROGRAM FOR YOU?

Want to pursue a career in computer information systems and interested in solving and responding to cybercrime? 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 Computer Forensics may consider, but are not limited to, the following careers:

• Computer/Digital Forensic Investigator
• Computer Programmer

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

• Understand legalities in a digital environment
• Investigate illegal and unethical activity
• Recognize security issues and deploy solutions
• Assess threats and develop countermeasures

QUICK FACTS

124 CREDIT HOURS
minimum credit hours required for graduation1

2 YEARS + 8 MONTHS
minimum length to graduation2

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.

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

BE AN ACTIVE PART OF AN INCLUSIVE FUTURE
Customize your curriculum by choosing Diversity, Equity and Inclusion (DE&I) course alternates for your Communication Skills, Humanities and Social Science courses. These options highlight relevant topics to help empower you to promote an inclusive workplace.

1 127 for students enrolled at a Pennsylvania location
2 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 | Tech - Software and Information Systems
### Computer Information Systems | Computer Forensics

### ESSENTIALS

#### COMMUNICATION SKILLS
- ENG112 Composition
- ENG135 Advanced Composition
- ENG216 Technical Writing

Select one:
- SPCH275 Public Speaking
- SPCH276 Intercultural Communication

#### HUMANITIES
- LAS432 Technology, Society, and Culture

Select one:
- ETHC232 Ethical and Legal Issues in the Professions
- ETHC334 Diversity, Equity and Inclusion in the Workplace

#### SOCIAL SCIENCES
- ECON312 Principles of Economics
- SOCS185 Culture and Society

Select one:
- SOCS325 Environmental Sociology
- SOCS350 Cultural Diversity in the Professions

#### MATHEMATICS AND NATURAL SCIENCES
- MATH114 Algebra for College Students
- MATH221 Statistics for Decision-Making
- PHYS204 Applied Physics with Lab

#### PERSONAL AND PROFESSIONAL DEVELOPMENT
- CARD405 Career Development
- COLL148 Critical Thinking and Problem Solving

This icon indicates Diversity, Equity & Inclusion Courses

### TECH CORE

#### TECH CORE
- CEIS101 Introduction to Technology and Information Systems
- CEIS106 Introduction to Operating Systems
- CEIS110 Introduction to Programming
- CEIS114 Introduction to Digital Devices
- NETW191 Fundamentals of Information Technology and Networking
- NETW211 Fundamentals of Cloud Computing
- SEC285 Fundamentals of Information Security

### PROGRAM

#### INFORMATION SYSTEMS AND PROGRAMMING
- CEIS150 Programming with Objects
- CEIS209 Intermediate Programming
- CEIS236 Database Systems and Programming Fundamentals
- CEIS312 Introduction to Artificial Intelligence and Machine Learning
- CIS355A Business Application Programming with Lab

#### APPLICATION DEVELOPMENT
- CIS363B Web Interface Design with Lab
- CIS407A Web Application Development with Lab
- WBG310 Interactive Web Page Scripting with Lab

#### CAREER PREPARATION
- CEIS299 Careers and Technology
- CEIS499 Preparation for the Profession
- MGMT404 Project Management
- TECH460 Senior Project

### SPECIALIZED

#### COMPUTER FORENSICS
- CCSI410 Digital Forensics I with Lab
- CCSI460 Digital Forensics II with Lab
- SEC310 Principles and Theory of Security Management
- SEC440 Information Systems Security Planning and Audit

### EMBEDDED PROGRAMS
With our exclusive 3-in-1 design, you can earn two additional credentials while acquiring your Computer Forensics specialization of DeVry’s Computer Information Systems degree. All courses in our Programming Essentials certificate and Information Technology and Networking associate degree are embedded within this program. So you can earn a certificate and an associate degree on the way to your bachelor’s degree.

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14 for students enrolled at a New Jersey location.

1 Students enrolled at a New Jersey location take ENGL108 in lieu of this course.

2 Students enrolled at a Pennsylvania location must take HUMN451 as part of this requirement.

3 Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.

9 for students enrolled at a Pennsylvania location.

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