ABOUT THIS DEGREE PROGRAM

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

DeVry University’s Network and Communications Management bachelor’s degree program can prepare you for a firm foundation in computer networks and telecommunication. You’ll also prepare to design, implement and secure network systems to help businesses operate effectively.

IS THIS PROGRAM FOR YOU?

Interested in a career in Information Technology (IT) and helping businesses improve and expand computing power to become more profitable? This program can expose you to the next-generation of network tools and prepare you to connect people via VoIP, video, smart phones and more.

CAREER OPPORTUNITIES

Graduates of our Bachelor’s in Network and Communications Management program may consider careers such as:

- Computer Support Specialist
- Corporate Security Manager
- Database Administrator
- Network and Communications Manager
- Network Security Analyst

WHAT YOU’LL LEARN

ESSENTIALS

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

PROGRAM

- Apply networking protocols to large and small network configurations
- Build, secure and upgrade networked systems
- Use network operating systems and switching techniques to manage networks
- Explore and apply VOIP technologies in networks

SPECIALIZED

- Leverage wired and wireless media strategies for developing network configurations
- Design typical LAN, VLAN and WAN networks
- Manage enterprise level or small business network and technology resources
- Identify and mitigate network risk and cybersecurity threats

QUICK FACTS

124 CREDIT HOURS

minimum credit hours required for graduation

8% GROWTH

nationally from 2019-2029 for employment of computer support specialists

2 + 8 YEARS MONTHS

minimum length to graduation

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.

- Comp TIA ITF+
- CompTIA A+
- Comp TIA Linux+
- PCEP - Certified Entry-level Python Programmer
- Comp TIA Network+
- Comp TIA Cloud+
- Comp TIA Security+
- CCNA

FLEXIBILITY TO FIT YOUR LIFE

Take courses online, on campus or in our innovative connected classrooms. Study full- or part-time and tailor your DeVry experience to fit your life. Classes start every 8 weeks, so you can begin your college degree when it makes sense for you.

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.

1 128 for students enrolled at a New Jersey location and 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 | Tech - Information Technology

#### Network and Communications Management

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**ESSENTIALS**

**COMMUNICATION SKILLS**
- ENGL112 Composition
- ENGL135 Advanced Composition
- ENGL216 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

**PROGRAM SYSTEMS AND PROGRAMMING**
- CEIS236 Database Systems and Programming Fundamentals
- CEIS312 Introduction to Artificial Intelligence and Machine Learning

**INFORMATION TECHNOLOGY AND NETWORKING**
- NETW260 Intermediate Information Technology & Networking I
- NETW270 Intermediate Information Technology & Networking II
- NETW310 Wired, Optical and Wireless Communications with Lab
- NETW320 Converged Networks with Lab
- NETW411 Information Security and Mobile Device
- PROJ420 Project Risk Management
- SEC290 Fundamentals of Infrastructure Security
- SEC310 Principles and Theory of Security Management
- SEC450 Advanced Network Security with Lab
- WEB375 Web Architecture with Lab

**CAREER PREPARATION**
- CEIS499 Preparation for the Profession
- MGMT404 Project Management
- TECH460 Senior Project

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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). DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission. This catalog contains the most current and detailed program information, including admission, progression and graduation requirements. Information contained herein is effective as of date of publishing. ©2021 DeVry Educational Development Corp. All rights reserved. Version 8/30/2021.