ABOUT THIS DEGREE PROGRAM

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 Network Support Specialist
- Corporate Security Manager
- Network and Telecommunications Support Specialist
- Network Engineer
- 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

CISCO-CENTRIC COURSEWORK
DeVry University works with industry partners, like Cisco, to deliver networking curriculum that helps prepare students with industry relevant skills. Networking courses in this program are aligned to the Cisco Certified Network Associate (CCNA) certification so that students are prepared to sit for this exam, should they wish to pursue this credential.

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.

COMPLIMENTARY CERTIFICATION PREP COURSE
DeVry University offers a complimentary exam preparation course\(^1\) that helps students prepare to take the Cisco Certified Network Associate (CCNA) exam. This course covers material that may be on the exam, provides test-taking tips and helps build confidence in your test taking abilities.

\(^1\) 128 for students enrolled at a New Jersey location and 127 for students enrolled at a Pennsylvania location.

\(^2\) https://www.bls.gov/ooh/computer-and-information-technology/computer-support-specialists.htm. Data reflects a national projected percentage change in employment from 2018-2028 and may not reflect local economic conditions.

\(^3\) Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/degree-programs.html.

\(^4\) CERT401 Cisco Certified Network Associate Routing and Switching Certification Preparation
Bachelor's Degree Program
Network and Communications Management

ESSENTIALS

COMMUNICATION SKILLS
ENGL112\(^1\) Composition
ENGL135 Advanced Composition
ENGL216 Technical Writing
SPCH275 Public Speaking

HUMANITIES\(^2, 3\)
HUMN303 Introduction to the Humanities
ETHC445 Principles of Ethics
LAS432 Technology, Society, and Culture

SOCIAL SCIENCES
ECNS312 Principles of Economics
SOC5185 Culture and Society
SOC5325 Environmental Sociology

MATHEMATICS AND NATURAL SCIENCES
MATH114 Algebra for College Students
MATH221 Statistics for Decision-Making
SCI228 Nutrition, Health and Wellness with Lab

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

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PROGRAM

BUSINESS
ACCT301 Essentials of Accounting
COMP100 Computer Applications for Business with Lab
MGMT404 Project Management
MGMT408 Management of Technology Resources

COMPUTING
CEIS100 Introduction to Engineering Technology and Information Sciences
CIS206 Architecture and Operating Systems with Lab
COMP230 Introduction to Scripting and Database with Lab
SEC280 Principles of Information Systems Security

NETWORKING FUNDAMENTALS
NETW202 Introduction to Networking with Lab
NETW204 Introduction to Routing with Lab
NETW206 Introduction to Switching with Lab
NETW208 Introduction to WAN Technologies with Lab
SEC450 Advanced Network Security with Lab

SENIOR PROJECT
NETW494 Senior Project I with Lab
NETW497 Senior Project II with Lab
CERT401 Cisco Certified Network Associate Routing and Switching Certification Preparation
This optional certification exam prep course may be taken in addition to the courses above

SPECIALIZED

NETWORK OPERATING SYSTEMS AND TECHNOLOGIES
NETW230 Network Operating Systems - Windows with Lab
NETW240 Network Operating Systems - UNIX with Lab
NETW250 Voice/VoIP Administration with Lab
NETW310 Wired, Optical and Wireless Communications with Lab
NETW320 Converged Networks with Lab
NETW360 Wireless Technologies and Services with Lab
NEWT410 Enterprise Network Design with Lab
NEWT420 Enterprise Network Management with Lab
NEWT471 Advanced Topics in Networking

1 Students enrolled at a New Jersey location take ENGL108 in lieu of this course.
2 Students enrolled at a Pennsylvania location must take HUMN461 as part of this requirement.
3 Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.
4 Students enrolled at a New Jersey location must take HIST410 as part of this requirement.
5 Students enrolled at a New Jersey location may take SCI200 to fulfill this requirement.

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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: 2450 Crystal Dr., 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. Programs, course requirements and availability vary by location. Some courses may be available online only. All students enrolled in site-based programs will be required to take some coursework online and, for some programs and locations, a substantial portion of the program may be required to be completed online. DeVry’s academic catalog, available via devry.edu/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. ©2019 DeVry Educational Development Corp. All rights reserved. Version 11/4/19