DIVERSITY, EQUITY & INCLUSION

8% GROWTH nationally from 2019-2029 for employment of computer support specialists.

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 Systems Administration associate degree program can prepare you with a firm foundation in network protocols that enable implementation of LAN, VLAN and WAN networks, and how to bridge multiple computing systems and enterprises.

IS THIS PROGRAM FOR YOU?

Are you interested in how organizations and businesses are networked, and exchange information? Then you may be interested in this program.

CAREER OPPORTUNITIES

Graduates of DeVry University’s Network Systems Administration associate degree program may consider careers including, but not limited to, the following:

• Computer Support Specialist
• Computer Network Support Specialist

Employment in some occupations may require years of relevant experience.

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 and upgrade networked systems
• Use network switching techniques

SPECIALIZED
• Explore and apply VOIP technologies in networks
• Use network operating systems to manage LANs and WANs
• Understand information security threats and secure networked systems

QUICK FACTS

67 CREDIT HOURS minimum credit hours required for graduation.

GROWTH nationally from 2019-2029 for employment of computer support specialists.

1 + 6 YEAR 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.

• CompTIA ITF+
• CompTIA A+
• CompTIA Linux+
• CompTIA Network+
• CompTIA Cloud+
• CompTIA 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 earn 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.

1Growth projected on a national level. Local growth may vary.
2Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/online-programs.html.
ESSENTIALS

COMMUNICATION SKILLS¹
ENGL112 Composition
ENGL135 Advanced Composition

Select one
SPCH275 Public Speaking
SPCH276 Intercultural Communication

HUMANITIES²
Select one
ETHC232 Ethical and Legal Issues in the Professions
ETHC334 Diversity, Equity and Inclusion in the Workplace

SOCIAL SCIENCES
SOC185 Culture and Society

MATHEMATICS AND NATURAL SCIENCES
MATH114 Algebra for College Students
PHYS204 Applied Physics with Lab

PERSONAL AND PROFESSIONAL DEVELOPMENT
CARD205 Career Development
COLL148 Critical Thinking and Problem-Solving

PROGRAM

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 Systems Security

INFORMATION TECHNOLOGY AND NETWORKING
NETW260 Intermediate Information Technology & Networking I
NETW270 Intermediate Information Technology & Networking II
NETW310 Wired Optical and Wireless Communication with Lab
NETW320 Converged Networks with Lab
SEC310 Principles and Theory of Security Management

CAREER PREPARATION
CEIS299 Careers and Technology

¹ 10 for students enrolled at a New Jersey location.
² Students enrolled at a New Jersey location take ENGL108 in lieu of this course.
³ Students enrolled at a Pennsylvania location must take HUMN451 as part of this requirement.
⁴ 6 for students enrolled at a Pennsylvania location.
⁵ Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.

This icon indicates Diversity, Equity & Inclusion Courses