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
In this specialization, you’ll learn network protocols including how to design and secure LAN, VLAN and WAN networks, and how to enable the interface, connection and security of multiple computing systems and software platforms.

IS THIS PROGRAM FOR YOU?
Are you interested in how organizations and businesses are networked, and exchange and secure information? Then you may be interested in this program studying network systems and administration.

CAREER OPPORTUNITIES
Graduates of DeVry’s Information Technology and Networking associate degree program with a specialization in Network Systems Administration may consider, but are not limited to, the following careers:

- Computer Network Support Specialist
- Computer Systems Analyst
- Information Technology Specialist
- Local Area Network Administrator
- Network Technical 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
- Apply knowledge of math and science principles through programming to solve well-defined technology problems
- Design solutions for technology-driven problems
- Contribute to the design of systems, components and/or processes
- Conduct standard tests, measurements and experiments, and analyze and interpret results

SPECIALIZED
- Use network protocols, such VoIP
- Design typical LAN, VLAN and WAN networks
- Configure, test and troubleshoot wireless routers and clients
- Identify and mitigate network risk

QUICK FACTS

60 CREDIT HOURS
minimum credit hours required for graduation

10% GROWTH
nationally from 2018-2028
for Employment of Computer Support Specialists¹

1 + 4 YEAR
minimum length to graduation²

EVERY COURSE COUNTS
If you choose to continue on with your education, all credits apply directly to your bachelor’s, saving you time and money.³

PORTABLE IoT KIT
You can simulate the Internet of Things (IoT) experience wherever you are. With our portable IoT Kit, you’ll get hands-on experience in how IoT technologies work in the real world. Your kit will include digital devices, sensors and other tools you will use to build relevant IoT 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.

¹ https://www.bls.gov/ooh/computer-and-information-technology/computer-support-specialists.htm Data reflects a national projected percentage change in employment from 2016-2026 and may not reflect local economic conditions.
² Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/degree-programs.html.
³ At the time of application to the next credential level, an evaluation of qualifying transfer credit will occur and the most beneficial outcome will be applied.
EMBEDDED PROGRAMS
Looking to earn an extra credential? DeVry offers a unique 2-in-1 design that allows our Information Technology (IT) Essentials certificate to be embedded within the program. Giving you the chance to earn your certificate on the way to your Network Systems Administration associate degree.

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<td>SПCH275  Public Speaking</td>
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<td>CEIS110  Introduction to Programming</td>
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<td>CEIS114  Introduction to Digital Devices</td>
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<td>HUMANITIES</td>
<td>NETW191  Fundamentals of Information Technology and Networking</td>
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<td>ETHС232  Ethical and Legal Issues in the Professions</td>
<td>NETW211  Fundamentals of Cloud Computing</td>
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<td>SOCIAL SCIENCES</td>
<td>SEC285  Fundamentals of Information Security</td>
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<td>SOCS185  Culture and Society</td>
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<td>MATHEMATICS AND NATURAL SCIENCES</td>
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<td>PHYS204  Applied Physics with Lab</td>
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Demonstrate Skills at Every Step

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