TECHNOLOGY

Associate Degree Program
INFORMATION TECHNOLOGY AND NETWORKING

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
With this program, you’ll not only be armed with the Tech Core experience, but will be exposed to a variety of concepts to help guide your specialization choice in Information Systems and Programming, Network Systems and Administration, and Automation and Electronic Systems.

Is This Program for You?
Interested in a career in information technology, but not sure where to start? With this program, you’ll be exposed to three different fields and be better armed to choose your path.

CAREER OPPORTUNITIES
Graduates of DeVry’s Information Technology and Networking associate degree program may consider, but are not limited to, the following careers:
• Computer Network Support Specialist
• Computer Systems 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 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

QUICK FACTS
THE SMART WAY TO BE UNDECIDED
With our undecided model, you’ll be exposed to three different specializations and be better armed to choose your path.¹

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.

Why did you choose DeVry?
“I wanted to gain the skills needed to help me get a career of my dreams!”

- Sharese R., 2015 graduate, Computer Information Systems

¹Must declare a specialization by 30 credit hours for associate degree program and 60 credit hours for bachelor’s degree program.
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<th>ESSENTIALS</th>
<th>TECH CORE</th>
<th>PROGRAM</th>
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<tr>
<td>Communication Skills</td>
<td>Tech Core</td>
<td>Technology Career Preparation</td>
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<tr>
<td>ENGL112 Composition</td>
<td>CEIS101 Introduction to Technology and Information Systems</td>
<td>CEIS299 Careers and Technology</td>
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<td>SPCH275 Public Speaking</td>
<td>CEIS106 Introduction to Operating Systems</td>
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<td>Humanities</td>
<td>CEIS110 Introduction to Programming</td>
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<td>ETHC232 Ethical and Legal Issues in the Professions</td>
<td>CEIS114 Introduction to Digital Devices</td>
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<td>Social Sciences</td>
<td>NETW190 Fundamentals of Information Technology and Networking I</td>
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<td>SOCS185 Culture and Society</td>
<td>NETW200 Fundamentals of Information Technology and Networking II</td>
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<td>Mathematics and Natural Sciences</td>
<td>SEC285 Fundamentals of Information Security</td>
<td>SPECIALIZED</td>
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<td>MATH114 Algebra for College Students</td>
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<td>12 CREDIT HOURS</td>
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<td>PHYS204 Applied Physics with Lab</td>
<td>Students who have not chosen an area of specialization may begin the program in “Undecided” status; however, they must select a specialization by the time they have earned 30 semester credit hours toward their degree.</td>
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<td>Personal and Professional Development</td>
<td>Available specializations are:</td>
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<td>CARD205 Career Development</td>
<td>• Network Systems Administration</td>
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<td>COLL148 Critical Thinking and Problem-Solving</td>
<td>• Information Systems and Programming</td>
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<td></td>
<td>• Automation and Electronic Systems</td>
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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.hlc.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/catalogs, contains the most current and detailed program information, including admission, progression and graduation requirements. Information contained herein is effective as of date of publishing. ©2018 DeVry Educational Development Corp. All rights reserved. Version 11/09/18