ASSOCIATE DEGREE PROGRAM | TECH

INFORMATION TECHNOLOGY & 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.

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

60 CREDIT HOURS
minimum credit hours required for graduation

8% GROWTH
nationally from 2019–2029 for Employment of Computer Support Specialists

1+4 YEARS + MONTHS
minimum length to graduation

EVERY COURSE COUNTS
If you choose to continue on with your education, all credits apply to the applicable bachelor’s degree.

IoT KIT
You can simulate the Internet of Things (IoT) experience wherever you are. With our 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 cloud-based tools you will use to build relevant IoT systems.

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

1 https://www.bls.gov/ooh/computer-and-information-technology/computer-support-specialists.htm Local growth will vary by location.
2 Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/online-programs.html.
3 The Associate in Information Technology (AITN) degree with a specialization in Automation and Electronic Systems stacks into a Bachelor’s of Engineering Technology degree. The AITN degree with a specialization in Information Systems and Programming stacks into the Bachelor’s in Computer Information Systems or the Bachelor’s in Software Development degrees. The AITN degree with a specialization in Network Systems Administration stacks into the Bachelor’s in Information Technology and Networking degree.
4 The IoT Kit is required expense and is not complimentary.
5 Must declare a specialization by 30 credit hours for associate degree program and 60 credit hours for bachelor’s degree program.
Program: Information Technology & Networking

Associate Degree Program

**ESSENTIALS**

**COMMUNICATION SKILLS**
- ENGL112 Composition
- SPC1275 Public Speaking

**HUMANITIES**
- ETHC232 Ethical and Legal Issues in the Professions

**SOCIAL SCIENCES**
- SOCS185 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

**TECH CORE**

**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

**PROGRAM**

**CAREER PREPARATION**
- CEIS299 Careers and Technology

**SPECIALIZED**

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.

Available specializations are:
- Automation and Electronic Systems
- Information Systems and Programming
- Network Systems Administration

**DEDICATE PROGRAMS**

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 associate degree.

**DEMONSTRATE SKILLS AT EVERY STEP**

**ASSOCIATE CERTIFICATE**

- 23 CREDIT HOURS
- 60 CREDIT HOURS

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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 certified to operate by the State Council of Higher Education for Virginia. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission. Program, course requirements and availability vary by location. Some courses may be available online only. 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. ©2021 DeVry Educational Development Corp. All rights reserved. Version 1/29/21