QUICK FACTS

ASSOCIATE DEGREE PROGRAM | TECH

INFORMATION TECHNOLOGY & NETWORKING

EVERY COURSE COUNTS
If you choose to continue on with your education, all credits apply to the applicable bachelor's degree.3

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.

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.4

QUICK FACTS

YEARS  MONTHS
minimum length to graduation 2

CREDIT HOURS
minimum credit hours required for graduation

GROWTH
nationally from 2019-2029 for Employment of Computer Support Specialists1

8%

1 + 4
YEARS  MONTHS
minimum length to graduation3

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

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

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 - Electronics 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 Must declare a specialization by 30 credit hours for associate degree program and 60 credit hours for bachelor's degree program.
Associate Degree Program

Information Technology & Networking

ESSENTIALS

COMMUNICATION SKILLS
ENGL112 Composition
SPCH275 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

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

CAREER PREPARATION
CEIS299 Careers and Technology

SPECIALIZED

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

DEMONSTRATE SKILLS AT EVERY STEP

EMBEDDED 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.

visit DeVry.edu | Call 888.DeVry.04

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: 1400 Crystal Dr., Ste. 120, 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: 301 S. Perimeter Park Dr., Ste. 100, 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. ©2021 DeVry Educational Development Corp. All rights reserved. Version 7/12/21