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.

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

60 CREDIT HOURS
minimum credit hours required for graduation

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

1+4 YEARS
minimum length to graduation

EVERY COURSE COUNTS
If you choose to continue on with your education at DeVry, all credits apply to the applicable bachelor’s degree.¹

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

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.

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 For the Associate in Information Technology and Networking program, every course counts towards the Bachelor’s in Information Technology and Networking program. 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.
⁴ Must declare a specialization by 30 credit hours for associate degree program and 60 credit hours for bachelor’s degree program.

DeVry University
Program: Information Technology & Networking

**Associate Degree Program**

<table>
<thead>
<tr>
<th>Program</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tech Information Technology &amp; Networking</td>
<td>60</td>
</tr>
<tr>
<td>Certificate IT Essentials</td>
<td>23</td>
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</tbody>
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**Essentials**

**Communication Skills**
- ENGL112 Composition
- Select one
  - SPCH275 Public Speaking
  - SPCH276 Intercultural Communication

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

**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

**Technical 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**

- 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

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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.