

INFORMATION TECHNOLOGY & NETWORKING



ABOUT THIS DEGREE PROGRAM

TECH CORE 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



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

SKILL FOCUSED CURRICULUM

Elements of our technology curriculum help prepare you to pursue certification opportunities that can validate your knowledge and skills.

- CompTIA A+
- CompTIA ITF+
- CompTIA Network+
- CompTIA Cloud Essentials+
- CompTIA Linux+
- CompTIA Security+



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.

MINIMUM COMPLETION TIME*	OR	NORMAL COMPLETION TIME**
1 year 4 months		2 years

ACCELERATE ON YOUR SCHEDULE

Choose the schedule that best fits your goals and commitments. You can earn your **Associate Degree** in as little as **1 years 4 months**.

Or, follow a normal schedule and complete your program in 2 years.

*Minimum completion time does not include breaks and assumes 3 semesters of year-round, full-time enrollment in 13-17 credit hours a semester per 12-month period.
**Normal completion time includes breaks and assumes 2 semesters of enrollment in 13-17 credit hours per semester per 12-month-period.

¹ Must declare a specialization by 30 credit hours for associate degree program and 60 credit hours for bachelor's degree program.

Information Technology & Networking

ESSENTIALS

26
CREDIT HOURS

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
TECH204 Everyday Physics

PERSONAL AND PROFESSIONAL DEVELOPMENT

CARD205 Career Development
COLL148 Critical Thinking and Problem-Solving

TECH CORE

21
CREDIT HOURS

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
NETW212 Introduction to Cloud Computing
SEC285 Fundamentals of Information Systems Security

PROGRAM

1
CREDIT HOUR

CAREER PREPARATION

CEIS298 Introduction to Technical Project Management

SPECIALIZED

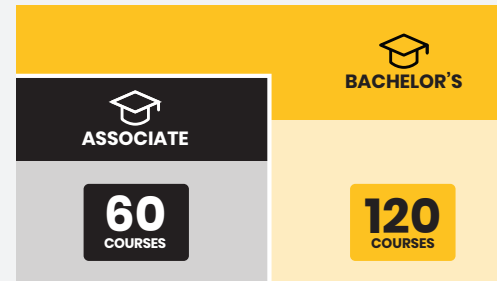
12
CREDIT HOURS

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

EARN A CREDENTIAL AT EVERY STEP



HOW DO CREDENTIALS STACK?

When you earn an Associate Degree in Information Technology and Networking, eligible courses completed in the program apply to a Bachelor's Degree in Information Technology.** Build your confidence – and your resume – when you start your journey at DeVry.

*The figures displayed represent the minimum credit hours required for graduation. Additional coursework may be necessary to complete program requirements.
**At the time of application to the next credential level, an evaluation of qualifying transfer credits will occur and the most beneficial outcome will be applied. Future programmatic changes could impact the application of credits to a future program. Refer to the academic catalog for details.

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