Associate Degree Program

INFORMATION TECHNOLOGY AND NETWORKING

TECHNOLOGY

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

UNDECIDED PATH

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]

IoT KIT

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

DeVry University

[1] 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 and Networking

TECHNOLOGY

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
PHYS204	Applied Physics with Lab

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
NETW190	Fundamentals of Information Technology and Networking I
NETW200	Fundamentals of Information Technology and Networking II
SEC285	Fundamentals of Information Security

PROGRAM

1 CREDIT HOURS

Technology Career Preparation

CEIS299	Careers and Technology

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:

- Network Systems Administration
- Information Systems and Programming
- Automation and Electronic Systems

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