UNDERGRADUATE CERTIFICATE | TECH

INFORMATION TECHNOLOGY (IT) ESSENTIALS

ABOUT THIS PROGRAM

IS THIS PROGRAM FOR YOU?
If you are looking to earn IT essential knowledge and skills, receive the necessary prep to pursue popular IT certifications and quickly add a credential to your resume, this certificate may be a good fit for you.

A PROGRAM TO FUEL YOUR FUTURE
Prepare to learn the fundamental skills necessary to contribute in an entry-level IT role.

CAREER OPPORTUNITIES
Graduates of DeVry’s Information Technology (IT) Essentials certificate program may consider, but are not limited to, the following careers:

Entry level opportunities in such positions as:
• Computer Network Support Specialist
• IT Help Desk Support
• Entry Level Network System Administrator
• Computer Systems Analyst

QUICK FACTS

23 CREDIT HOURS
minimum credit hours required for graduation

8 COURSES

8 MONTHS
minimum length for graduation

8% GROWTH
nationally from 2019-2029 for employment of Computer Support Specialists

TECH ESSENTIALS GRANT
With the Tech Essentials Grant, DeVry University offers qualifying students a $2,400 grant toward the cost of your IT Essentials Certificate program at the completion of your program.

ANCHORED IN TECH CORE
Prepare to be immersed in coursework designed to help you build interdisciplinary skills you’ll need for today’s Internet of Things (IoT) economy. With our portable IoT Kit, you’ll get hands-on experience using digital devices, sensors and other tools to build relevant IoT systems. Project work and activities allow you to develop relevant skills in:
• Programming
• Hardware
• Connectivity
• Operating Systems

CERTIFICATION EXAM ALIGNED CURRICULUM
Experience elements of our technology curriculum focused on real-world industry standards and prepare for certification opportunities that help validate your knowledge and skills.
• CompTIA A+
• CompTIA Network+
• CompTIA Cloud+
• PCEP – Certified Entry-Level Python Programmer

EVERY COURSE COUNTS
The IT Essentials certificate can be a stepping stone to the Associate in Information Technology and Networking. If you choose to continue on with your education, all credits apply to this associate degree, saving you time and money.

1 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 Tech Essentials Grant will be awarded upon completion of the IT Essentials Certificate program. The grant will be applied to your student account. If a credit is generated, funds may be sent to you unless you have borrowed loans as funding would then be returned to your lender.
### Undergraduate Certificate | Tech Information Technology (IT) Essentials

#### PROGRAM OUTLINE

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#### WHAT YOU’LL LEARN

**MATHEMATICS**

- Analyze data
- Solve problems

**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)

**Career Preparation**

- Apply principles of technology in the building, testing, operation and maintenance of connected and distributed digital-based systems and networks

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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), [https://www.hlcommission.org](https://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. [https://www.tn.gov/thec](https://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 [https://www.devry.edu/catalogs](https://www.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 8/21/2021