ADDING TO YOUR PROFESSIONAL GROWTH WITH A TECH–FOCUSED CERTIFICATE

If you're considering advancing your education to pursue new roles at work, you might want to think about the field of technology, an exciting career area within a range of industries from automotive to biomedical to the Internet of Things. But what would you study in order to grow your skills and knowledge in a new discipline like programming or cyber security? And how could you get started?

Read on to explore four tech-focused undergraduate certificate programs from DeVry University available 100% online. Education is one path that can help you add to your professional growth as you plan your steps to your future.

INFORMATION TECHNOLOGY (IT) ESSENTIALS

Want to build IT knowledge and skills, prepare prep to pursue recognized IT certifications and quickly add a credential to your resume? An Undergraduate Certificate in Information Technology (IT) Essentials may be a good fit for you.

In this program, you'll have a chance to:

- Explore foundational concepts that can be applied to engineering technology, software information systems or IT pathways

- Gain hands-on experience using microprocessors, sensors and more with DeVry's portable Internet of Things (IoT) Kit*

- Build entry-level skills in networking and programming, and **complete this certificate program online in as few as 8 months****

Graduates of this certificate program may consider, but are not limited to, entry-level opportunities in such positions as:

- Computer Network Support Specialist
- IT Helpdesk Support
- Entry Level Network System Administrator
- Computer Systems Analyst

PROGRAMMING ESSENTIALS

If you want to develop software applications and programs for businesses and consumers alike, an Undergraduate Certificate in Programming Essentials may be the program for you.

In this program, you'll have a chance to:

- Gain exposure to essential coding concepts and create applications using industry-recognized programming languages like Python and C++

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- Prepare for IT certification exams such as CompTIA Linux+ and Microsoft Technical Associate – Python

- Build entry-level coding, programming and computing skills, and **complete this certificate program online in as few as 10 months****

Graduates of this certificate program may consider, but are not limited to, entry-level opportunities in such positions as:

- Coder
- Programmer I
- Information Systems Technician

NETWORKING ESSENTIALS

Ever wonder how organizations and businesses are networked and how they exchange secured information? Pursuing an Undergraduate Certificate in Networking Essentials may be the right choice for you.

In this program, you'll have a chance to:

- Learn network protocols including how to design and secure LAN, VLAN and WAN networks

- Work with DeVry's portable Internet of Things (IoT) Kit, designed to give you hands-on experience with cloud-based tools*

- Build an understanding of network systems applications, and **complete this certificate program online in as few as 12 months****

Graduates of this certificate program may consider, but are not limited to, entry-level opportunities in such positions as:

- Computer Network Support Technician
- Local Area Network Administrator
- Network Systems Administrator
- Network Technician Coder

CYBER SECURITY

If you're interested in protecting your employer's business from data breaches as you design and apply strategies for securing sensitive information, an Undergraduate Certificate in Cyber Security could be just the program for you.

In this program, you'll have a chance to:

- Gain exposure to approaches used to guard corporate infrastructures and brands against cyber crime

- Simulate the Internet of Things (IoT) experience wherever you are with DeVry's portable IoT Kit*

- Develop critical skills needed to defend the data of organizations and government agencies, and **complete this program and earn online in as few as 16 months****

Graduates of this certificate program may consider, but are not limited to, entry-level opportunities in such positions as:

- Network System Administration
- Information Security Analyst
- Cybersecurity Technician
- Computer User Support Specialist

Want to learn more about developing tech-focused skills through education options?
Ask your employer about available partnership benefits today.

Through the education partnership between your organization and in conjunction with DeVry University, you have access to education benefits in support of your professional and life goals. To learn about transferring qualifying credits, tuition rate savings and more, contact your benefits manager or HR department for more details.

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