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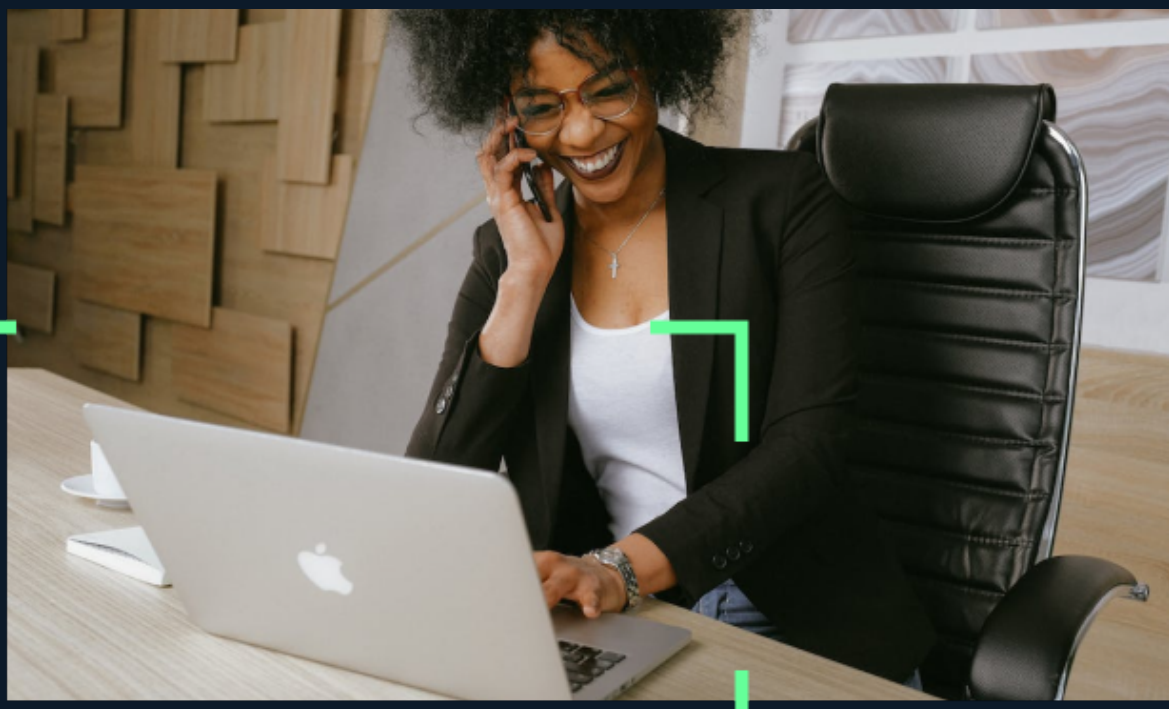

# Cybersecurity Curriculum

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# Novice

## 1. End User Security Awareness

### Best Security Practices for the End User

This is a non-technical course designed for every end user. Our experts explain very common security topics that are critical to be aware of in today's work environment, but explains in the "end-users" non-technical language, so everyone can understand. Many stories are told as examples for easier understanding. One might think this is super easy and doesn't go deep on topics, but you would be wrong, this course is a perfect fit for everyone to understand and prevent security risk.

### CompTIA IT Fundamental (FC0-U61)

The CompTIA IT Fundamentals+ Certification is an entry level certification designed to introduce users to basic computer principles. It covers basic IT literacy and ensures one understands the different terminology and the various concepts involved In the IT industry. It also serves as a great starting point if you are just getting started in computers and is designed to be the first step on your way to pursuing the CompTIA A+ certification or others similar. Topics covered include hardware basics, troubleshooting, software installation, security and networking.

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## Networking Fundamentals

This course is for anyone interested in getting started in networking. The course will introduce the viewer to a wide range of networking concepts such as infrastructure, hardware, standards, specifications, and addressing.

## Security Fundamentals

In this series the learner will be introduced to concepts in cybersecurity, such as the core principles of security, wired and wireless network security. The learner will explore topics like operating system security and security software and more.

# 2. Intermediate

## CompTIA Security+ (SY0-601)

Implementing, managing and maintaining IT security

This series is focused on CompTIA's Security+ certifications. Security+ is a vendor-neutral certification that is recognized worldwide as a benchmark for information system security best practices. The series is intended for aspiring IT security professionals entering into security. The series follows the CompTIA specified objectives for the SY0-601 exam.

## CompTIA Network+ (N10-008)

Network concepts, technology and troubleshooting

In this course, the viewer will learn the following, design and implement functional networks as well as configuring, managing, and maintaining essential network devices. They will also look at various network devices such as routers and switches, as well as identifying benefits and drawbacks of existing network configurations. They will also look at common network security, standards, and protocols as well as troubleshooting common network issues.

# 3. Advanced

## CompTIA CySA+ (CS0-002)

CompTIA Cybersecurity Analyst

Welcome to the CompTIA CySA+ series. This series is intended to explore the topics necessary to prepare for the CySA+ exam. Here we cover many computer security related concepts and tools, exploring their best practices and practical application. This includes threats, threat management, reconnaissance, and countermeasures, common vulnerabilities, penetration testing, incident response, security architectures, and common tool sets.

## CompTIA Linux + (XK0-005)

Tools and Skills for Linux systems administrators

Linux + introduces learners to Linux, an open-source operating system which is available to anyone seeking an alternative to mainstream operating systems. This course will cover Linux fundamentals such as; installing and configuring Linux, securing Linux, managing files and directories, configuring storage, scripting, containers, automating tasks, networking, and troubleshooting Linux. These topics are presented in a distribution agnostic manner which is suitable for all distributions of Linux. This course will prepare learners to pass the CompTIA, Linux + certification exam and prepare them to support Linux in the workplace.

## CompTIA Cloud+ (CV0-003)

Introduction to Cloud Technologies

The CompTIA Cloud+ certification show introduce you to the concepts of cloud-based solutions as part of your IT infrastructure. You will need skills that will allow them to deploy, optimize and protect data within cloud environments. You will learn the fundamental skill to meet the challenges working in a multi-cloud environment.

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# 4. Capstone

## Managing Modern Desktops (MD-101)

Managing devices in an enterprise environment

Modern Desktop Administrators deploy, configure, secure, manage, and monitor devices and client applications in an enterprise environment. The MD-101 exam measures your ability to accomplish the following technical tasks: deploy and update operating systems; manage policies and profiles; manage and protect devices; and manage apps and data.

## Contact

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