



Lionfish Cyber Security Course Syllabus:

CompTIA IT Fundamentals (ITF+)

Interactive and entertaining format presented by industry leading experts.

- 40+ hours of virtual training, practice exams, labs, and study. Receive a Certificate of completion
- Presented by highly qualified, industry leading experts
- 12 Months Access (*Unless indicated otherwise*)



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Description

CompTIA Information Technology Fundamentals+ (ITF+) Certification is the essential qualification for beginning a career in IT Support. CompTIA (comptia.org) is a not-for-profit trade association set up in 1982 to advance the interests of IT professionals and companies. It is most well-known for its vendor-neutral IT certifications.

The CompTIA IT Fundamentals+ exam will certify the successful candidate has the knowledge and skills required to identify and explain the basics of computing, IT infrastructure, software development and database use. In addition, candidates will demonstrate their knowledge to install software, establish basic network connectivity and identify/prevent basic security risks. Further, this exam will assess the candidate's knowledge in the areas of troubleshooting theory and preventative maintenance of devices. This exam is intended for candidates who are advanced end users, are considering a career in IT, and are interested in pursuing professional-level certifications, such as A+.

CompTIA IT Fundamentals+ Exam Objectives Blueprint

This course will prepare you to take the FC0-U61 exam to obtain the IT Fundamentals+ certification and help you to learn some of the basic principles and techniques of providing PC, mobile, applications, and network support.

Curriculum Overview

CompTIA ITF+ helps professionals to decide if a career in IT is right for them or to develop a broader understanding of IT.

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ITF+ is the only pre-career certification that helps students or career changers determine if they have a competency for information technology and if it is the right career path for them.
ITF+ is the only single certification that covers all areas of IT foundations, creating a broader understanding of IT making it ideal for non-technical professionals.
ITF+ establishes an IT education framework for students in middle school and high school.

Objectives

This course and the IT Fundamentals+ certification are designed as the starting point for a career in IT support. Obtaining ITF+ certification will show that you have the aptitude to pursue a professional-level certification, such as CompTIA A+.

Completing this course will also help you acquire the knowledge and skills to set up and use a computer at home securely and keep it in good working order and to provide informal support for PCs and simple computer networks to your colleagues in a small business.

On course completion, you will be able to:

- Set up a computer workstation and use basic software applications.
- Explain the functions and types of devices used within a computer system.
- Apply basic computer maintenance and support principles.
- Describe some principles of software and database development.
- Configure computers and mobile devices to connect to home networks and to the Internet.
- Identify security issues affecting the use of computers and networks.

Prerequisites

- Start the computer and navigate the operating system desktop.
- Use Windows Explorer to create directories and subdirectories and manage files. Use a web browser to view websites.

Target Audience

- who has basic computer skills
- who desires to obtain a job needing entry-level IT skills

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Syllabus

Module 1 Using Computers

Common Computing Devices
Using a Workstation
Using an OS
Managing an OS
Troubleshooting and Support

Module 2 Using Apps and Databases

Using Data Types and Units
Using Apps
Programming and App Development
Using Databases

Module 3 Using Computer Hardware

System Components
Using Device Interfaces
Using Peripheral Devices
Using Storage Devices
Using File Systems

Module 4 Using Networks

Networking Concepts
Connecting to a Network
Secure Web Browsing
Using Shared Storage
Using Mobile Devices

Module 5 Security Concepts

Security Concerns
Using Best Practices
Using Access Controls
Behavioral Security Concepts



Prepare for the CompTIA ITF+ exams with the excellent performance-based learning tool. enable you to practice on test questions and assess your skill and knowledge of the material. Get certified the best way!

Learn includes:

- **Interactive learning with flashcards and performance-based questions.**
- **Videos that demonstrate key concepts and processes.**
- **Customizable learning plan.**
- **Easy self-assessments.**
- **Learning progress analytics and reporting.**



Sample Certificate upon completions of each course



To learn more, contact us at 877-732-6772 or info@lionfishcybersecurity.com

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