

# COMPTIA IT FUNDAMENTALS+ CERTIFICATION PREP COURSE

Course Code: 100419

Learn the basics of computer hardware, software, mobile computing, networking, troubleshooting, and emerging technologies.

In this course, students will identify PC components, work with files and folders, and conduct basic software installations. This course will provide students with the fundamental skills and concepts required to maintain, support, and work efficiently with personal computers.

In addition, it covers the essential skills and information needed to set up, configure, maintain, troubleshoot, and perform preventative maintenance of the hardware and software components of a basic personal computer workstation and basic wireless devices. Students will also implement basic security measures and implement basic computer and user support practices.

The ITF+ certification is for individuals considering a career in IT. It is an ideal stepping stone to more advanced certifications such as CompTIA A+, and with specialized experience, CompTIA Network+ and CompTIA Security+. With this new version comes the addition of the + to further distinguish ourselves within the marketplace and represent CompTIA quality and standards.

The new ITF+ exam focuses on the knowledge and skills required to identify and explain the basics of computing, IT infrastructure, software development, and database use.

**This course includes an exam voucher.**

## What You'll Learn

- Set up a computer workstation and use basic software applications
- Understand the functions and types of devices used within a computer system
- Apply basic computer maintenance and support principles
- Understand 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

## Who Needs to Attend

IT novices who need a broad, fundamental understanding of IT and who want to learn the basics of computers, computer software, mobile devices, networking, LANs and WANs, data storage, and how IT infrastructures are monitored and managed.

Ideal candidates include:

- Entry-level and newly hired technical professionals, including PC support, help desk, and networking professionals
- Sales and marketing professionals looking to increase their ability to communicate with technical professionals and increase sales
- Executives who seek better-informed decision making
- Professionals seeking to prepare for the CompTIA IT Fundamentals+ Exam

# COMPTIA IT FUNDAMENTALS+ CERTIFICATION PREP COURSE

Course Code: 100419

CLASSROOM LIVE

\$2,550 USD

5 Day

## Classroom Live Outline

### Module 1 / Using Computers

- Unit 1: Common Computing Devices
- Unit 2: Using a Workstation
- Unit 3: Using an OS
- Unit 4: Managing an OS
- Unit 5: Troubleshooting and Support

### Module 2 / Using Apps and Databases

- Unit 1: Using Data Types and Units
- Unit 2: Using Apps
- Unit 3: Programming and App Development
- Unit 4: Using Databases

### Module 3 / Using Computer Hardware

- Unit 1: System Components
- Unit 2: Using Device Interfaces
- Unit 3: Using Peripheral Devices
- Unit 4: Using Storage Devices
- Unit 5: Using File Systems

### Module 4 / Using Networks

- Unit 1: Networking Concepts
- Unit 2: Connecting to a Network

- Unit 3: Secure Web Browsing
- Unit 4: Using Shared Storage
- Unit 5: Using Mobile Devices

## **Module 5 / Security Concepts**

- Unit 1: Security Concerns
- Unit 2: Using Best Practices
- Unit 3: Using Access Controls
- Unit 4: Behavioral Security Concepts

## **Classroom Live Labs**

- Setting Up the Computer
- Navigating the Windows User Interface
- Browsing a Website
- Using Management Interfaces
- Managing User Accounts
- Using a Search Engine
- Managing Software Applications
- Using Scripting Tools
- Using Programming Tools
- Creating and Using a Database
- Specifying PC Systems
- Configuring Input Devices
- Playing Audio
- Using a Printer
- Adding a Removable Drive
- Using File Explorer
- Network Settings
- Web Security
- File Sharing
- Using Windows Defender and Windows Update

# COMPTIA IT FUNDAMENTALS+ CERTIFICATION PREP COURSE

Course Code: 100419

VIRTUAL CLASSROOM LIVE

\$2,550 USD

5 Day

## Virtual Classroom Live Outline

### **Module 1 / Using Computers**

- Unit 1: Common Computing Devices
- Unit 2: Using a Workstation
- Unit 3: Using an OS
- Unit 4: Managing an OS
- Unit 5: Troubleshooting and Support

### **Module 2 / Using Apps and Databases**

- Unit 1: Using Data Types and Units
- Unit 2: Using Apps
- Unit 3: Programming and App Development
- Unit 4: Using Databases

### **Module 3 / Using Computer Hardware**

- Unit 1: System Components
- Unit 2: Using Device Interfaces
- Unit 3: Using Peripheral Devices
- Unit 4: Using Storage Devices
- Unit 5: Using File Systems

### **Module 4 / Using Networks**

- Unit 1: Networking Concepts
- Unit 2: Connecting to a Network

- Unit 3: Secure Web Browsing
- Unit 4: Using Shared Storage
- Unit 5: Using Mobile Devices

### **Module 5 / Security Concepts**

- Unit 1: Security Concerns
- Unit 2: Using Best Practices
- Unit 3: Using Access Controls
- Unit 4: Behavioral Security Concepts

### **Virtual Classroom Live Labs**

- Setting Up the Computer
- Navigating the Windows User Interface
- Browsing a Website
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- Using a Search Engine
- Managing Software Applications
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- Creating and Using a Database
- Specifying PC Systems
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- Using a Printer
- Adding a Removable Drive
- Using File Explorer
- Network Settings
- Web Security
- File Sharing
- Using Windows Defender and Windows Update

Jul 14 - 18, 2025 | 8:30 AM - 4:30 PM EDT

Sep 8 - 12, 2025 | 8:30 AM - 4:30 PM EDT

Nov 17 - 21, 2025 | 8:30 AM - 4:30 PM EST



# COMPTIA IT FUNDAMENTALS+ CERTIFICATION PREP COURSE

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PRIVATE GROUP TRAINING

5 Day

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

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