

## COURSE OUTLINES



**Course Name: CompTIA Tech+**

**Course Code: CO-TECH**

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
3 Days	Foundation	Hardware & Software	VITL/In Class	N/A

### Course Overview

CompTIA Tech+, formerly known as CompTIA ITF, is a vendor-neutral certification that demonstrates an individual's foundational understanding of the vast landscape of technology and their ability to navigate various tech tools and platforms effectively.

With hands-on simulations for tasks like setting up a computer and securing a small wireless network, learners can gain a solid foundation in tech fundamentals. The course also introduces emerging technologies, including artificial intelligence, the internet of things (IoT), robotics, quantum computing, and more.

### Target Audience

This course is aimed at the following individuals

- Sales associated
- Sales Engineer

- Account Manager
- Business Development Managers
- Entry Level Customer Support

## **Prerequisites**

Before attending this course, delegates must:

- Have basic Windows End User Skills

## **Course Objectives**

This course will prepare students to do the following:

- Understand and manage tech infrastructure and computing concepts.
- Troubleshoot and resolve common hardware and software issues.
- Recognize and address basic cybersecurity threats.
- Understanding the increasing relevance of emerging technologies.
- Pursue a more advanced certification, such as CompTIA A+

## **Course Content**

### **Module 1: Understanding Tech Basics**

- Use Technology Effectively
- Explore the Computing Cycle
- Recognize Computing Devices
- Careers in Tech

### **Module 2: Data and Privacy**

- Understand your data
- Data Privacy
- Passwords and Encryption
- Careers in Data and Privacy

### **Module 3: Internet Technologies**

- Identify Internet Basics
  - Using a Web Browser
  - Internet Service Providers
  - Careers in Internet Technologies
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#### **Module 4: Cybersecurity**

- Basic Security Concepts
- Identify Common Security Threats
- Careers in Cybersecurity

#### **Module 5: Networking**

- Binary and Other Numbering Systems
- Basic Networking Concepts
- How Networks Work
- Small Wireless Network Specifications
- Virtualization on the Network
- Careers in Networking

#### **Module 6: Applications and Software**

- Common Applications
- Productivity Software
- Safely Managing Software
- The CompTIA Troubleshooting Methodology
- Careers in Apps and Software

#### **Module 7: Operating Systems**

- What is an Operating System?
- What does an Operating System do?
- Files
- Data Backup
- Careers in Operating Systems

#### **Module 8: Hardware**

- Units of Speed and Capacity
  - What's inside a Computer?
  - Storage Types
  - What can I connect to my device?
  - Installing connected devices
  - Careers in computer hardware
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**Module 9: Databases**

- Database Basics
- Types of Databases
- Relational Databases
- Careers in Databases

**Module 10: Coding**

- What is Coding?
- Planning a Coding project
- Variables and data types
- Coding principles
- Careers in Coding

**Module 11: The Future of Tech**

- Leading Technologies

**ASSOCIATED CERTIFICATIONS & EXAM**

This course will prepare delegates to write the CompTIA FC0-U71 Exam. Successfully passing the exam will result in the attainment of the CompTIA Tech+ certification. The exam duration is 60 minutes, and the passing score is 650.