CO-TECH
COMPTIA TECH+

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
3 Days	Foundation	Hardware & Software	Instructor-led	NA

INTRODUCTION

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.

AUDIENCE PROFILE

This course is aimed at the following individuals:

– Sales associates

– Sales Engineer

– Account Managers

– Business Development Managers

– Product and marketing specialists

– Entry Level customer support

PREREQUISITES

Before attending this course, delegates must:
– Have basic Windows End User Skills

COURSE OBJECTIVES

This course will prepare the student 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.

– Understand 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

Module 4: Cybersecurity
– Basic Security Concepts

– Identify Common Security Threats
– Security Tools and Software
– 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

Module 9: Databases
- Database Basics
- Types of Databases
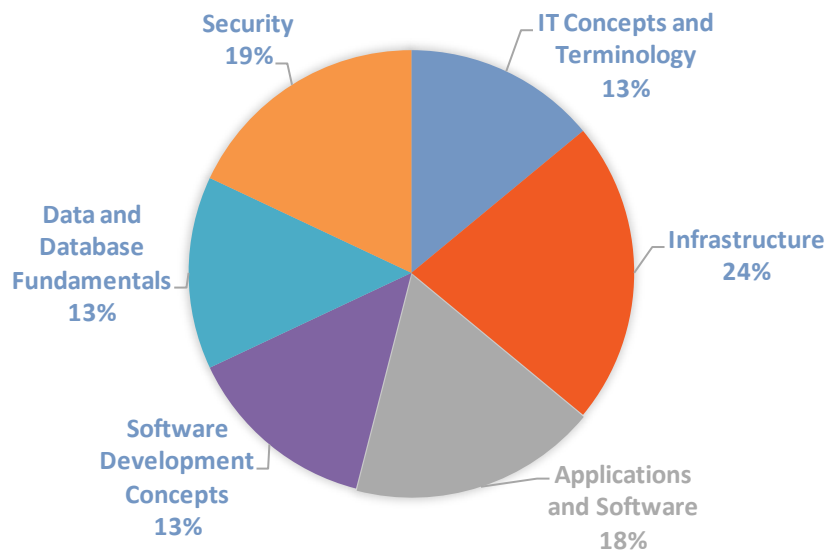- Relational Databases
- Careers in Databases

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

SKILLS AND COMPETENCIES COVERED

Security 19%
IT Concepts and Terminology 13%
Infrastructure 24%
Applications and Software 18%
Software Development Concepts 13%
Data and Database Fundamentals 13%

ASSOCIATED CERTIFICATIONS & EXAM

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