



# CompTIA Tech+ Certification Training

Course CT-14

Five Days - Instructor-led - Hands-on

## Introduction

Breaking into IT can feel overwhelming for students and career changers who aren't sure where to begin. With employers increasingly expecting digital literacy—over 90% of jobs now require some level of digital skill (World Economic Forum)—building a strong foundation is essential.

The CompTIA Tech+ certification establishes that foundation. As the new entry-level standard replacing the retired ITF+ exam, Tech+ covers hardware, software, networking, databases, operating systems, and cybersecurity, while introducing career pathways in each domain.

Delivered in a 5-day instructor-led format, Tech+ validates career-ready knowledge and prepares learners for advanced certifications like CompTIA A+, making it the ideal first step toward a successful IT career.

### What Is Included

- Expert-led training with practical, real-world examples
- Official CompTIA Tech+ courseware and supplemental resources
- Certificate of completion
- Hands-on labs and interactive exercises
- Access to class recordings for 90 days (if applicable)
- Guaranteed-to-run dates (if applicable)
- Flexible rescheduling options

## At Course Completion

Upon successful completion of this course, students will gain the following skills and knowledge:

- Understand and manage technology infrastructure and computing concepts
- Troubleshoot and resolve common hardware and software issues
- Recognize and address basic cybersecurity threats
- Explain the growing importance of emerging technologies
- Use Tech+ as a launchpad toward certifications like CompTIA A+

Contact ISInc for more information at 916.920.1700 or by visiting our website at <http://www.isinc.com>



## **Prerequisites**

CompTIA Tech+ is the only pre-career certification that helps students and career changers determine if they have competency in tech, and if it's the right career path for them.

## **CompTIA Certified Professional Exams**

This course will help the student prepare for the CompTIA Certified Professional exams. You can set up testing directly with Pearson VUE when you're ready and you can arrange to take your exams at ISInc, an authorized Pearson VUE testing center

## **Follow-On Course**

CompTIA A+

## **Course Outline**

### **Module 1: Understanding Technology Fundamentals**

- Using technology effectively
- Exploring the computing cycle
- Identifying different types of computing devices
- Career opportunities in technology

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

- How data is used and stored
- Data privacy principles
- Password management and encryption
- Careers in data protection and privacy

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

- Internet essentials
- Navigating with web browsers
- Internet service providers and connectivity
- Careers in internet technologies

### **Module 4: Cybersecurity**

- Core security concepts
- Identifying common security threats
- Security tools and software
- Careers in cybersecurity

### **Module 5: Networking**

- Binary and numbering systems in networking

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- Basic networking concepts
- How networks function
- Small wireless network specifications
- Virtualization in networks
- Careers in networking

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

- Common applications
- Productivity software
- Safely managing software
- The CompTIA troubleshooting methodology
- Careers in applications and software

## **Module 7: Operating Systems**

- Introduction to operating systems
- Functions of an OS
- File management practices
- Backing up data
- Careers in operating systems

## **Module 8: Hardware**

- Units of speed and capacity
- What's inside a computer
- Storage types
- Connecting external devices
- Installing peripheral devices
- Careers in computer hardware

## **Module 9: Databases**

- Database basics
- Types of databases
- Relational database concepts
- Careers in database management

## **Module 10: Coding**

- What coding is and why it matters
- Planning a coding project
- Variables and data types
- Core coding principles
- Careers in coding



## **Module 11: The Future of Technology**

- Leading and emerging technologies shaping IT careers

## **Module 12: CompTIA Tech+ FC0-U71 Exam Practice**

- Practice questions and reviews
- Exam strategies and readiness check