



CompTIA ITF+ establishes an IT education framework for students in middle school and high school. 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 making it ideal for nontechnical professionals.

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, application and software, software development, database fundamentals, and security.

The CompTIA ITF+ FC0-U61 exam is available as of September 2018.

Our unique model follows a streamlined approach to workforce development and skills attainment

Assess: Assess each student to determine existing skill sets

Educate: Deliver goal-specific training utilizing all delivery modalities

Mentor: Expose students to instructors and mentors with front-line IT and cybersecurity experience

Certify: Certify students with the requisite hands-on skills to perform the tasks related to their functional roles

Validate: Validate student abilities through performance analytics and real-world exercises hosted on a cyber range

Technical Areas Covered:

IT Concepts and Terminology 17%

- Compare and contrast notational systems and fundamental data type characteristics
- Illustrate the basics of computing and processing
- Explain the value of data and information
- Explain the troubleshooting methodology

Infrastructure 22%

- Classify common types of input/output device interfaces
- Given a scenario, set up and install common peripheral devices to a laptop/PC or secure a basic wireless network
- Explain the purpose of common internal computing components and basic networking concepts
- Compare and contrast common Internet service types, storage types, and computing devices

Applications and Software 18%

- Manage applications software
- Compare and contrast components of an operating system
- Explain the purpose and proper use of software and methods of application architecture
- Given a scenario, configure and use web browsers

Software Development 12%

- Compare and contrast programming language categories
- Given a scenario, use programming organizational techniques and interpret logic
- Explain the purpose and use of programming concepts

Database Fundamentals 11%

- Explain database concepts and the purpose of a database
- Compare and contrast various database structures
- Summarize methods used to interface with databases

Security 20%

- Summarize confidentiality, integrity, and availability concerns
- Explain methods to secure devices and best practices
- Summarize behavioral security concepts
- Compare and contrast authentication, authorization, and accounting
- Explain password best practices, common uses of encryption, and business continuity concepts

Included

40 hours of instructor-led training sessions
CompTIA authorized textbook and class materials
Practice questions and exam study tips