

CompTIA IT Fundamentals (ITF+)

What is it?

CompTIA IT Fundamentals (ITF+) is an introduction to basic IT knowledge and skills that helps professionals decide if a career in IT is right for them. It also helps organizations prepare non-technical teams for digital transformation.

Why is it different?

- 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 non-technical professionals.

About the exam

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. In addition, candidates will have the ability to demonstrate their knowledge to:

- Install software
- Establish basic network connectivity
- Identify/prevent basic security risks
- Explain troubleshooting theory and preventative maintenance of devices

This exam is intended for candidates who are advanced end users and/or are considering a career in IT. The exam is also a good fit for individuals interested in pursuing professional-level certifications, such as A+.



Exam

FC0-U61

Release Date

September 2018

Languages

English

CE Required?

No

Who Would Benefit from ITF+

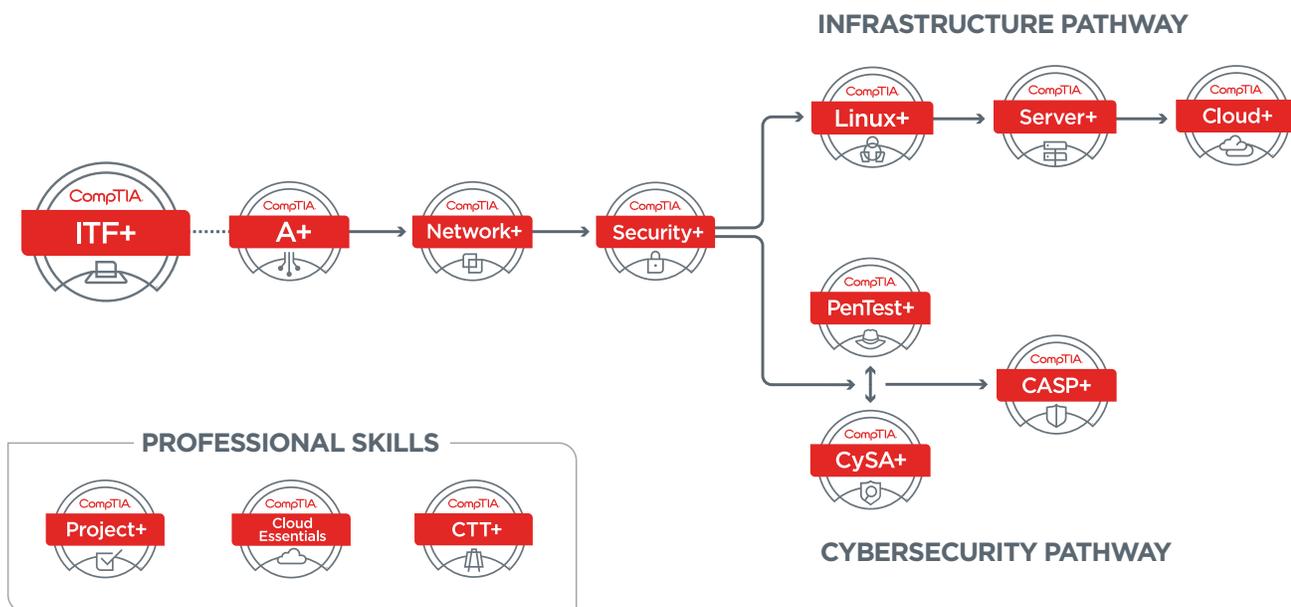
- Students considering a career in IT
- Students and career changers considering a career in IT
- Marketing, sales and operations staff in IT-based organizations

How does CompTIA ITF+ Compare to Alternatives?

| |  |  |  |  |
|-------------------------|---|--|---|--|
| Certification | ITF+ | Microsoft Technology Associate | IC3 Digital Literacy Certification | European Computer Driving License/ International Computer Driving License |
| Number of Exams | Single, multiple choice exam | 8 exams | 3 multiple choice exams | Modular set of 17 exams |
| Exam Focus | Pre-career assessment of competency for IT | Microsoft specific content | End users who lack IT training | End user skills |
| Experience Level | Pre-IT career & Non-IT Pros | Students interested in an on-ramp to a career requiring technical expertise in Microsoft products and services | Non-IT pros | Non-IT pros |
| Vendor Neutral | Yes | No | Yes | Yes |

CompTIA Certification Pathway

CompTIA certifications align with the skillsets needed to build a career in IT. CompTIA ITF+ is the pre-career starting point to help students or career changers decide if a career in IT is right for them. ITF+ is a reasonably priced and more concise exam compared to other IT Certifications, which makes it valuable to obtain basic IT skills for the workplace. Other CompTIA certifications then give you the next step along the IT career path.



Technical Areas Covered in the Certification

| | | |
|--|---|---|
| <p style="text-align: center;">IT Concepts and Terminology 17%</p> <ul style="list-style-type: none">• 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 | <p style="text-align: center;">Infrastructure 22%</p> <ul style="list-style-type: none">• 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 | <p style="text-align: center;">Applications and Software 18%</p> <ul style="list-style-type: none">• 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 |
| <p style="text-align: center;">Software Development 12%</p> <ul style="list-style-type: none">• Compare and contrast programming language categories• Given a scenario, use programming organizational techniques and interpret logic• Explain the purpose and use of programming concepts | <p style="text-align: center;">Database Fundamentals 11%</p> <ul style="list-style-type: none">• Explain database concepts and the purpose of a database• Compare and contrast various database structures• Summarize methods used to interface with databases | <p style="text-align: center;">Security 20%</p> <ul style="list-style-type: none">• 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 |

In 2017, nearly 5.4 million individuals worked as technology professionals across the U.S., representing an increase of 2.1%, or nearly 110,000 net new jobs. CompTIA ITF+ will help you determine if this is the field for you.

Twelve years ago, technology spending outside of IT was 20 percent of total technology spending; it will become almost 90 percent by the end of the decade, according to Gartner, Inc. All workers need fundamental IT skills to use these technologies.

Learn with CompTIA

Official CompTIA Content is the only study material exclusively developed by CompTIA for the CompTIA certification candidate; no other content library covers all exam objectives for all certifications. CompTIA eBooks and CertMaster Products have been developed with our Official CompTIA Content to help you prepare for your CompTIA certification exams with confidence. Learners now have everything they need to learn the material and ensure they are prepared for the exam and their career.

Whether you are just starting to prepare and need comprehensive training with CertMaster Learn, need a final review with CertMaster Practice, or need to renew your certification upon expiration with CertMaster CE, CertMaster's online training tools have you covered.

* What does it mean to be a “high stakes” exam?

An extraordinarily high level of rigor is employed in developing CompTIA certifications. Each question created for a CompTIA exam undergoes multiple layers of quality assurance and thorough psychometric statistical validation, ensuring CompTIA exams are highly representative of knowledge, skills and abilities required of real job roles. This is why CompTIA certifications are a requirement for many professionals working in technology. Hiring managers and candidates alike can be confident that passing a CompTIA certification exam means competence on the job. This is also how CompTIA certifications earn the ANSI/ISO 17024 accreditation, the standard for personnel certification programs. Over 1.3 million CompTIA ISO/ANSI-accredited exams have been delivered since January 1, 2011.

* What does it mean to be a “vendor-neutral” exam?

All CompTIA certification exams are vendor-neutral. This means each exam covers multiple technologies, without confining the candidate to any one platform. Vendor-neutrality is important because it ensures IT professionals can perform important job tasks in any technology environment. IT professionals with vendor-neutral certifications can consider multiple solutions in their approach to problem-solving, making them more flexible and adaptable than those with training in just one technology.