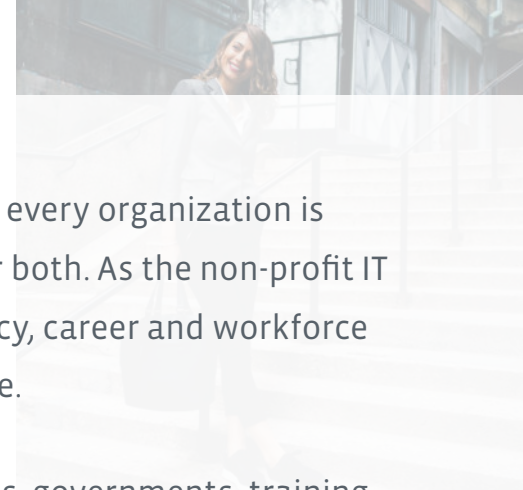
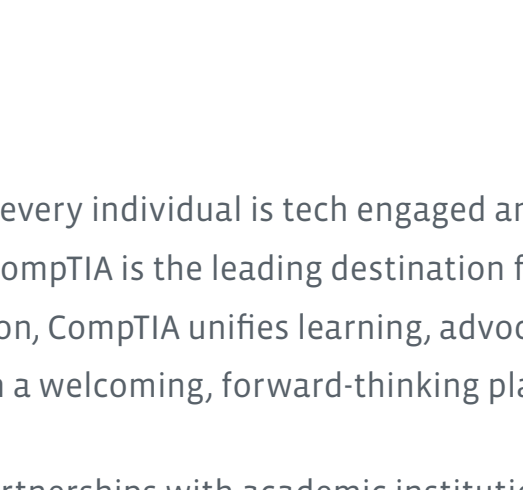
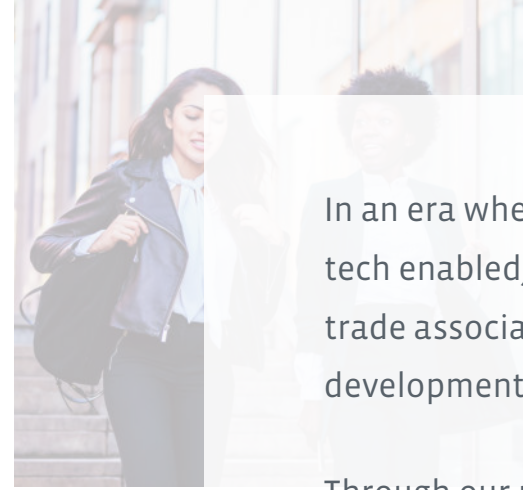
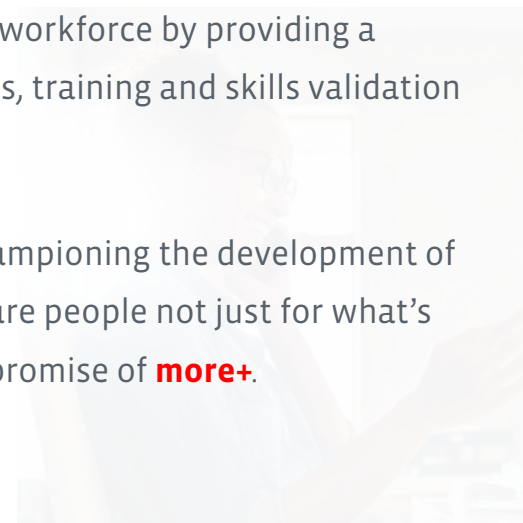
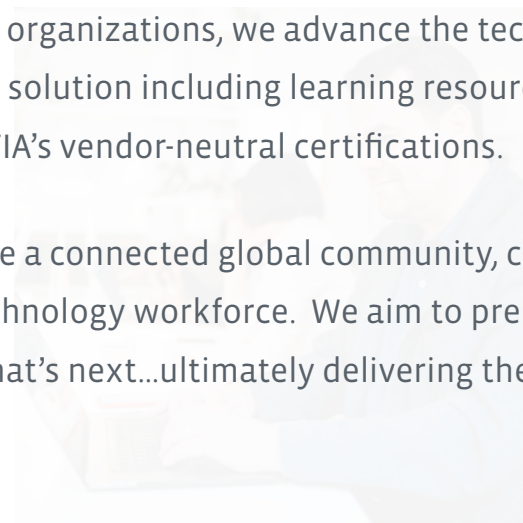
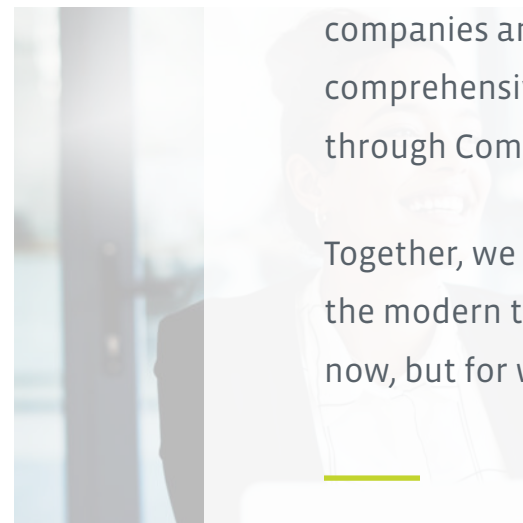




In an era when every individual is tech engaged and every organization is tech enabled, CompTIA is the leading destination for both. As the non-profit IT trade association, CompTIA unifies learning, advocacy, career and workforce development in a welcoming, forward-thinking place.

Through our partnerships with academic institutions, governments, training companies and organizations, we advance the tech workforce by providing a comprehensive solution including learning resources, training and skills validation through CompTIA's vendor-neutral certifications.

Together, we are a connected global community, championing the development of the modern technology workforce. We aim to prepare people not just for what's now, but for what's next...ultimately delivering the promise of **more+**.



unlock potential

Advancing people and organizations by delivering tech talent to the global workforce.

CompTIA SOLUTIONS

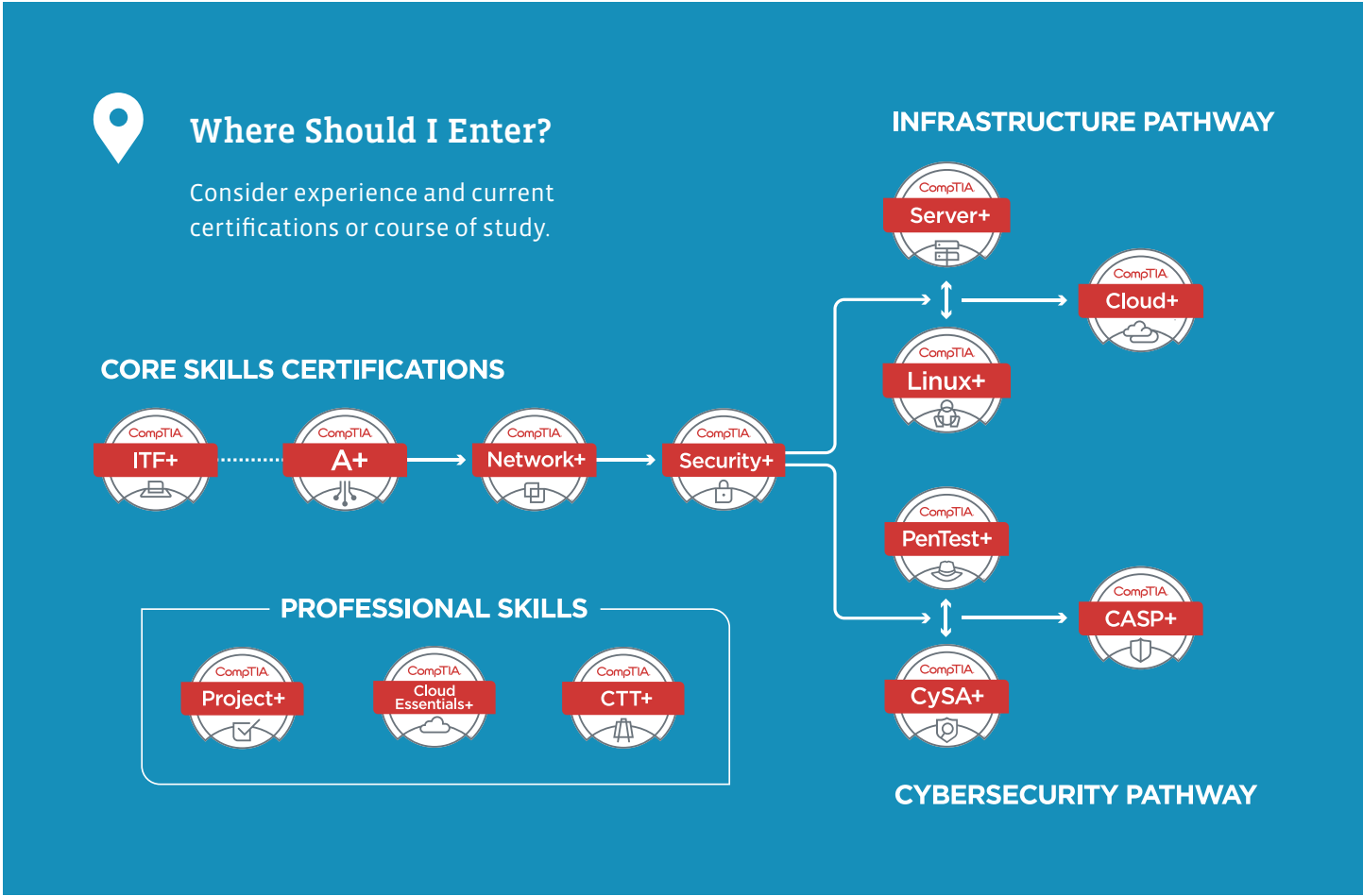


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+44 7307 436 652
info@generiss.academy
www.generiss.academy



Career Pathways

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About CompTIA Career Pathways

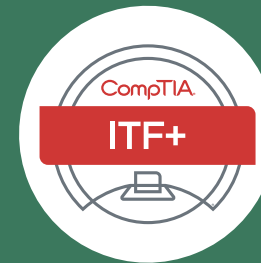
In general, the pathways follow a hierarchy of skills needed for a career in IT security or infrastructure; each certification builds upon the skills from the previous one. CompTIA certifications mirror the current job roles of IT professionals, so it makes sense to earn these certifications to gain the knowledge and hands-on skills currently being used in the workforce, whether you have job experience or not. IT professionals and employers alike understand that while IT certifications are a great place to start, they are not a replacement for experience. By combining CompTIA certifications with on-the-job experience, you get the best of both worlds.

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COMPTIA IT FUNDAMENTALS (ITF+) FCO-U61

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.



EXAM

FCo-U61

RELEASE DATE

September 2018

LANGUAGE

English, Japanese,
German, simplified
Chinese, Thai

CE REQUIRED?

No

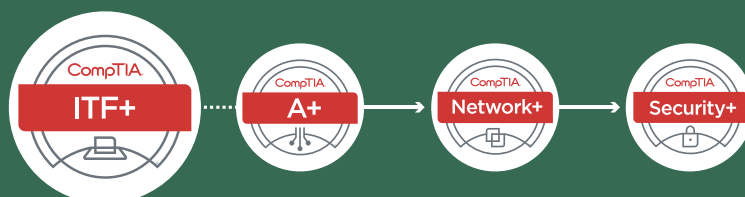
PURCHASE ITF+ HERE



Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.

CORE SKILLS CERTIFICATIONS

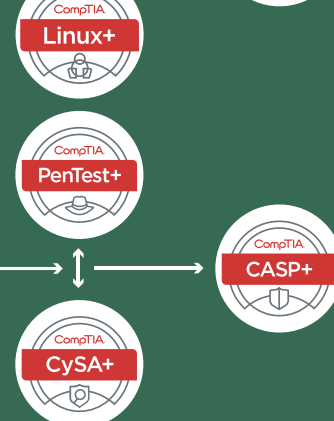
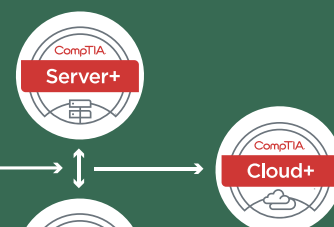


You Are Here

PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY

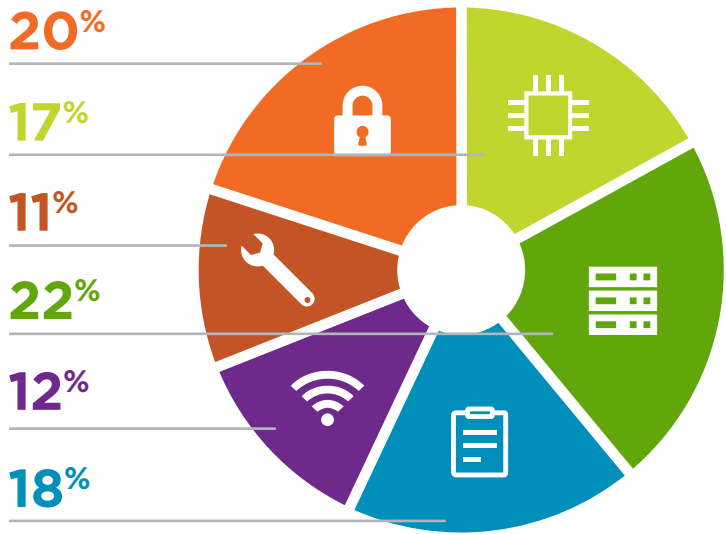
About Core Skills Certifications

CompTIA's core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.



SKILLS & COMPETENCIES

-  [Security >](#)
-  [IT Concepts and Terminology >](#)
-  [Database Fundamentals >](#)
-  [Infrastructure >](#)
-  [Software Development >](#)
-  [Applications and Software >](#)



[VIEW EXAM OBJECTIVES](#)

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?

Find out how CompTIA ITF+ compares to the leading certification programs.

[COMPARE COMPTIA ITF+](#)

OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA IT Fundamentals (ITF+) will provide students with the fundamental IT skills and concepts required to identify and explain the basics of computing, IT infrastructure, software development, and database use. Students will acquire the essential skills and information they need to set up, configure, maintain, troubleshoot, and perform preventative maintenance of the hardware and software components of a basic personal computer workstation and basic wireless devices. Students will also learn to implement basic security measures and implement basic computer and user support practices as well as prepare candidates to take the CompTIA IT Fundamentals (ITF+) certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep

PURCHASE ITF+ HERE

[BUY NOW](#)

Key Features & Benefits

-  [Focused on Job Roles and Objective >](#)
-  [Integrate Active Learning >](#)
-  [Designed and Tested Specifically for Instructor-Led Training >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)

Instructor Resources

Course-specific delivery tips

Facilitator notes

Solutions to activities and discussions

PowerPoint slides

Presentation planners

Student Resources

eBook

Course files

Videos

Assessment

PowerPoint slides

Solutions to activities and discussions

COURSE OVERVIEW

CompTIA ITF+ is an introduction to basic IT knowledge and skills that helps students decide if a career in IT is right for them. It also helps organizations prepare non-technical teams for digital transformation. After completing the course, students will have the ability to demonstrate their knowledge to:

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



Exam Prep Option

CERTMASTER PRACTICE

CompTIA CertMaster Practice is an online knowledge assessment and remediation tool designed to help learners feel more confident and prepared for the CompTIA exam.



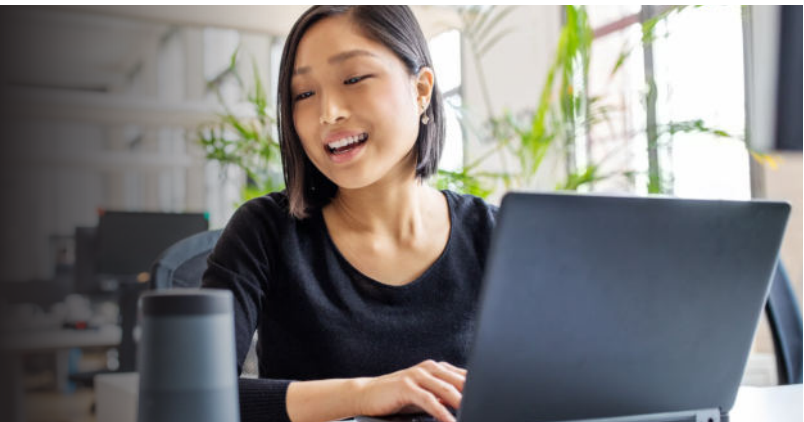
We feel very strongly about certification as a means to help students feel confident in their skills.

Jason Eckert

DEAN OF TECHNOLOGY, TRIOS COLLEGE
BUSINESS TECHNOLOGY HEALTHCARE

Purchase ITF+ Here

BUY NOW



Student Guide Lesson Overview

- 1

Module 1: Using Computers
 - Module 1 / Unit 1: Common Computing Devices
 - Module 1 / Unit 2: Using a Workstation
 - Module 1 / Unit 3: Using an OS
 - Module 1 / Unit 4: Managing an OS
 - Module 1 / Unit 5: Troubleshooting and Support
- 2

Module 2: Using Apps and Databases
 - Module 2 / Unit 1: Using Data Types and Units
 - Module 2 / Unit 2: Using Apps
 - Module 2 / Unit 3: Programming and App Development
 - Module 2 / Unit 4: Using Databases
- 3

Module 3: Using Computer Hardware
 - Module 3 / Unit 1: System Components
 - Module 3 / Unit 2: Using Device Interfaces
 - Module 3 / Unit 3: Using Peripheral Devices
 - Module 3 / Unit 4: Using Storage Devices
 - Module 3 / Unit 5: Using File Systems
- 4

Module 4: Using Networks
 - Module 4 / Unit 1: Networking Concepts
 - Module 4 / Unit 2: Connecting to a Network
 - Module 4 / Unit 3: Secure Web Browsing
 - Module 4 / Unit 4: Using Shared Storage
 - Module 4 / Unit 5: Using Mobile Devices
- 5

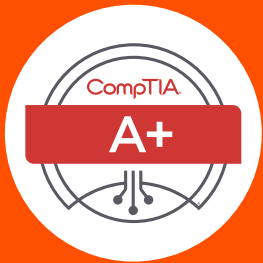
Module 5: Security Concepts
 - Module 5 / Unit 1: Security Concerns
 - Module 5 / Unit 2: Using Best Practices
 - Module 5 / Unit 3: Using Access Controls
 - Module 5 / Unit 4: Behavioral Security Concepts

VIEW COURSE OUTLINE

COMPTIA A+

COMBINED (220-1101 & 220-1102)

CompTIA A+ certified professionals are proven problem solvers. They support today’s core technologies from security to networking to virtualization and more. CompTIA A+ is the industry standard for launching IT careers into today’s digital world.



EXAM

220-1101 and 220-1102

RELEASE DATE

April 2022

LANGUAGE

English, German, Japanese, Portuguese, Simplified Chinese and Spanish

CE REQUIRED

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M.

TOP A+ JOB TITLES

- IT Support Specialist
- Helpdesk Technician
- Field Technician
- Tier I Support Specialist
- Desktop Support Specialist
- Associate Network Engineer
- Systems Support Technician
- Junior Systems Administrator

ORGANIZATIONS THAT ENDORSE A+

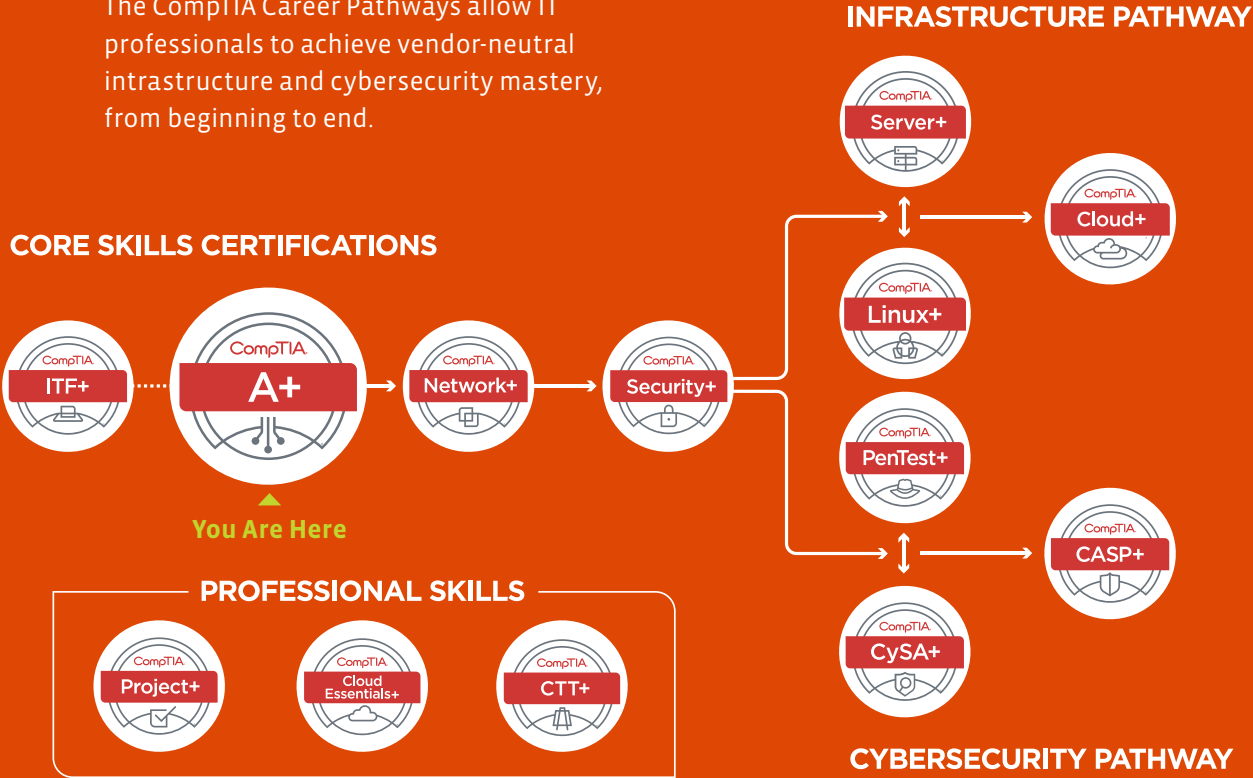
- Best Buy/Geek Squad
- Blue Cross Blue Shield
- Canon
- Dell
- Fry’s Electronics
- General Dynamics
- HP
- Intel
- Nissan
- Ricoh
- Sharp
- U.S. Department of Defense (DoD)
- Verizon
- Wells Fargo

PURCHASE A+ HERE

BUY NOW

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About Core Skills Certifications

CompTIA’s core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.

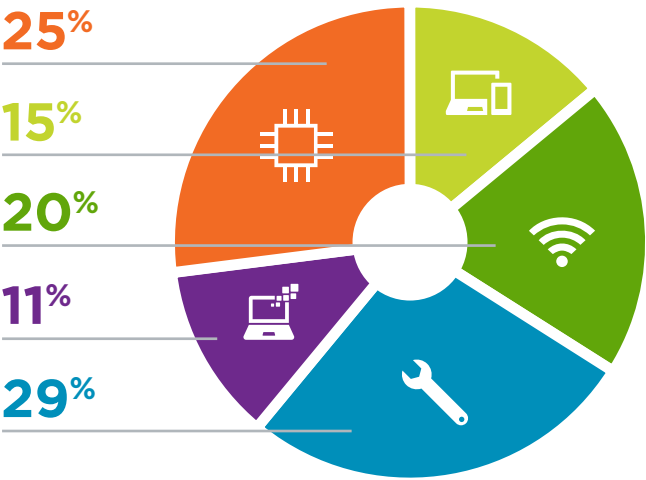


SKILLS & COMPETENCIES

CompTIA A+ Core 1 (220-1101)

-  [Hardware >](#)
-  [Mobile Devices >](#)
-  [Networking >](#)
-  [Virtualization and Cloud Computing >](#)
-  [Hardware and Network Troubleshooting >](#)

[VIEW EXAM OBJECTIVES](#)



CompTIA A+ Core 2 (220-1102)

-  [Operational Procedures >](#)
-  [Operating Systems >](#)
-  [Security >](#)
-  [Software Troubleshooting >](#)

[VIEW EXAM OBJECTIVES](#)



OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA A+ Core 1 & Core 2 Instructor and Student Guides (220-1101 and 220-1102) have been developed by CompTIA for the CompTIA A+ Core 1 & Core 2 candidate. Rigorously evaluated to validate coverage of the CompTIA A+ Core 1 & Core 2 (220-1101 & 220-1102) exam objectives, The Official CompTIA A+ Core 1 & Core 2 Instructor and Student Guides teach the knowledge and skills to install and configure end-user devices and software, connect devices to networks, perform basic cybersecurity mitigations, troubleshoot common problems to diagnose and resolve issues, and demonstrate basic knowledge of scripting, the cloud, and virtualization, and prepare candidates to take the CompTIA A+ Core 1 & Core 2 certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

PURCHASE A+ HERE

[BUY NOW](#)

Key Features & Benefits

-  [Robust Assessment >](#)
-  [Integrate Active Learning >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

Instructor Resources

- Course-specific delivery tips
- Facilitator notes
- Solutions to activities and discussions
- PowerPoint slides
- Presentation planners
- Transition guides

Student Resources

- eBook
- Course files
- Videos
- Assessment
- PowerPoint slides
- Solutions to activities and discussions

How does CompTIA A+ Compare?

Find out how CompTIA A+ compares to the leading certification programs.

[COMPARE COMPTIA A+](#)



COURSE OVERVIEW

CompTIA A+ validates the skills required to install and configure end-user devices and software; connect devices to networks; perform basic cybersecurity mitigations; troubleshoot common problems to diagnose and resolve issues; and demonstrate basic knowledge of scripting, the cloud, and virtualization.

In order to receive the CompTIA A+ certification, learners must pass two exams:
Core 1 (220-1101) and Core 2 (220-1102)



Lab Options for CompTIA A+

CERTMASTER LABS

CertMaster Labs for A+ Core 1 & Core 2 (220-1101 & 220-1102) enable hands-on practice and skills development using real equipment and software accessed through a remote, browser-based lab environment.



A+ is a system check for yourself. Are you good enough for the job? With A+ you are.

Darius Peterson

IT SPECIALIST, AMERICAN SOCIETY OF
HEALTH-SYSTEMS PHARMACISTS

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Student Guide Lesson Overview

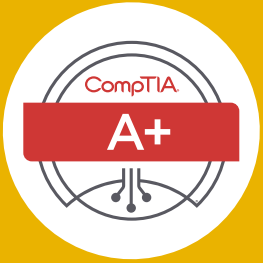
- 1 Installing Motherboards and Connectors
- 2 Installing System Devices
- 3 Troubleshooting PC Hardware
- 4 Comparing Local Networking Hardware
- 5 Configuring Network Addressing and Internet Connections
- 6 Supporting Network Services
- 7 Summarizing Virtualization and Cloud Concepts
- 8 Supporting Mobile Devices
- 9 Supporting Print Devices
- 10 Configuring Windows
- 11 Managing Windows
- 12 Identifying OS Types and Features
- 13 Supporting Windows
- 14 Managing Windows Networking
- 15 Managing Linux and macOS
- 16 Configuring SOHO Network Security
- 17 Managing Security Settings
- 18 Supporting Mobile Software
- 19 Using Support and Scripting Tools
- 20 Implementing Operational Procedures

VIEW COURSE OUTLINE

A+

CORE 1 (220-1101)

CompTIA A+ certified professionals are proven problem solvers. They support today's core technologies from security to networking to virtualization and more. CompTIA A+ is the industry standard for launching IT careers into today's digital world



EXAM

220-1101

RELEASE DATE

April 2022

LANGUAGE

English, German, Japanese, Portuguese, Simplified Chinese and Spanish

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M.

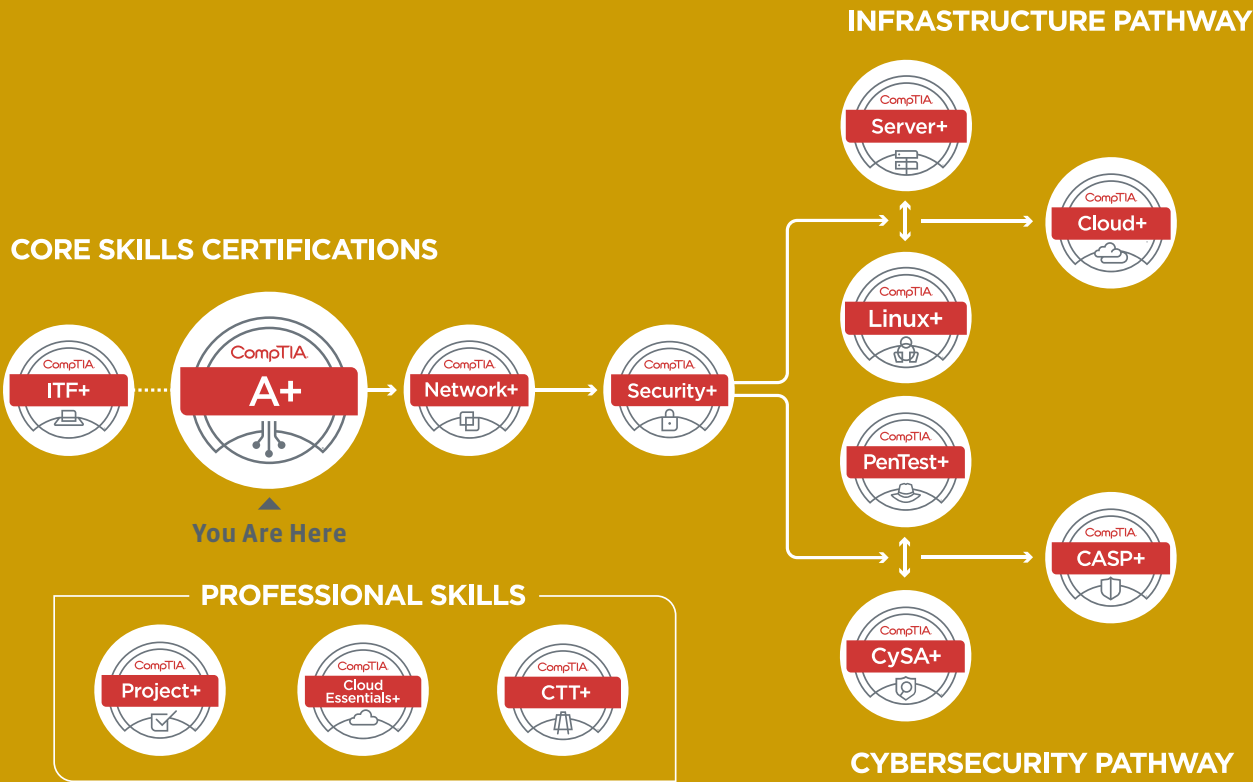
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Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About Core Skills Certifications

CompTIA's core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.



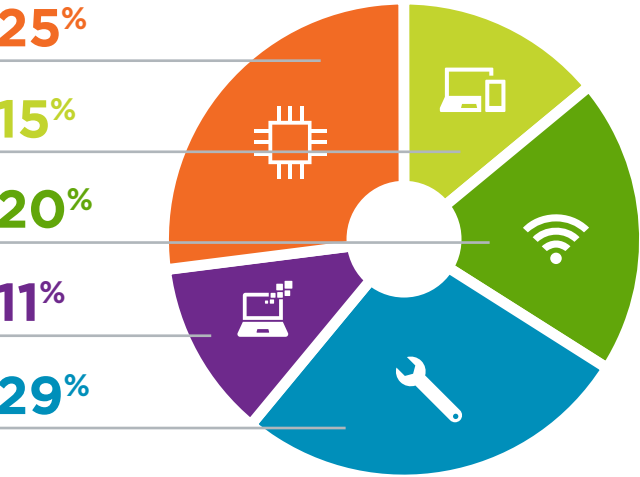
SKILLS & COMPETENCIES

-  [Hardware >](#)
-  [Mobile Devices >](#)
-  [Networking >](#)
-  [Virtualization and Cloud Computing >](#)
-  [Hardware and Network Troubleshooting >](#)

VIEW EXAM OBJECTIVES

Top A+ Job Roles

- IT Support Specialist
- Helpdesk Technician
- Field Technician
- Tier I Support Specialist
- Desktop Support Specialist
- Associate Network Engineer
- Systems Support Technician
- Junior Systems Administrator



Organizations that Endorse A+

- Best Buy/Geek Squad
 - Blue Cross Blue Shield
 - Canon
 - Dell
 - Fry's Electronics
 - General Dynamics
 - HP
 - Intel
 - Nissan
 - Ricoh
 - Sharp
- U.S. Department of Defense (DoD)
 - Verizon
 - Wells Fargo

How does CompTIA A+ Compare?

Find out how CompTIA A+ compares to the leading certification programs.

COMPARE COMPTIA A+

OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA A+ Core 1 Instructor and Student Guides (220-1101) have been developed by CompTIA for the CompTIA A+ Core 1 candidate. Rigorously evaluated to validate coverage of the CompTIA A+ Core 1 (220-1101) exam objectives, The Official CompTIA A+ Core 1 Instructor and Student Guides teach the knowledge and skills to install and configure end-user devices and software, connect devices to networks, perform basic cybersecurity mitigations, troubleshoot common problems to diagnose and resolve issues, and demonstrate basic knowledge of scripting, the cloud, and virtualization, and prepare candidates to take the CompTIA A+ Core 1 certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

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Key Features & Benefits

-  [Robust Assessment >](#)
-  [Integrate Active Learning >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

Instructor Resources

Course-specific delivery tips

Facilitator notes

Solutions to activities and discussions

PowerPoint slides

Presentation planners

Transition guides

Student Resources

eBook

Course files

Videos

Assessment

PowerPoint slides

Solutions to activities and discussions

COURSE OVERVIEW

CompTIA A+ validates the skills required to install and configure end-user devices and software; connect devices to networks; perform basic cybersecurity mitigations; troubleshoot common problems to diagnose and resolve issues; and demonstrate basic knowledge of scripting, the cloud, and virtualization.

In order to receive the CompTIA A+ certification, learners must pass two exams:
Core 1 (220-1101) and Core 2 (220-1102)

Student Guide Lesson Overview

- 1 Installing Motherboards and Connectors
- 2 Installing System Devices
- 3 Troubleshooting PC Hardware
- 4 Comparing Local Networking Hardware
- 5 Configuring Network Addressing and Internet Connections
- 6 Supporting Network Services
- 7 Summarizing Virtualization and Cloud Concepts
- 8 Supporting Mobile Devices
- 9 Supporting Print Devices

[VIEW COURSE OUTLINE](#)



Lab Options for CompTIA A+

CERTMASTER LABS

CertMaster Labs for A+ Core 1 & Core 2 (220-1101 & 220-1102) enable hands-on practice and skills development using real equipment and software accessed through a remote, browser-based lab environment.

Purchase A+ Here

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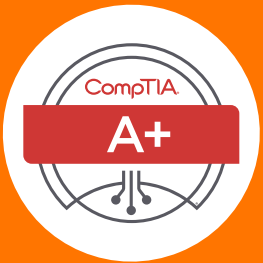
I got my A+ and it is the best thing I ever did.

Andy MacLeod
COMPUTER SYSTEMS ANALYST, CHUGACH ALASKA CORPORATION

A+

CORE 2 (220-1102)

CompTIA A+ certified professionals are proven problem solvers. They support today’s core technologies from security to networking to virtualization and more. CompTIA A+ is the industry standard for launching IT careers into today’s digital world.



EXAM

220-1102

RELEASE DATE

April 2022

LANGUAGE

English, German, Japanese, Portuguese, Simplified Chinese and Spanish

CE REQUIRED?

Yes

ACCREDITATION

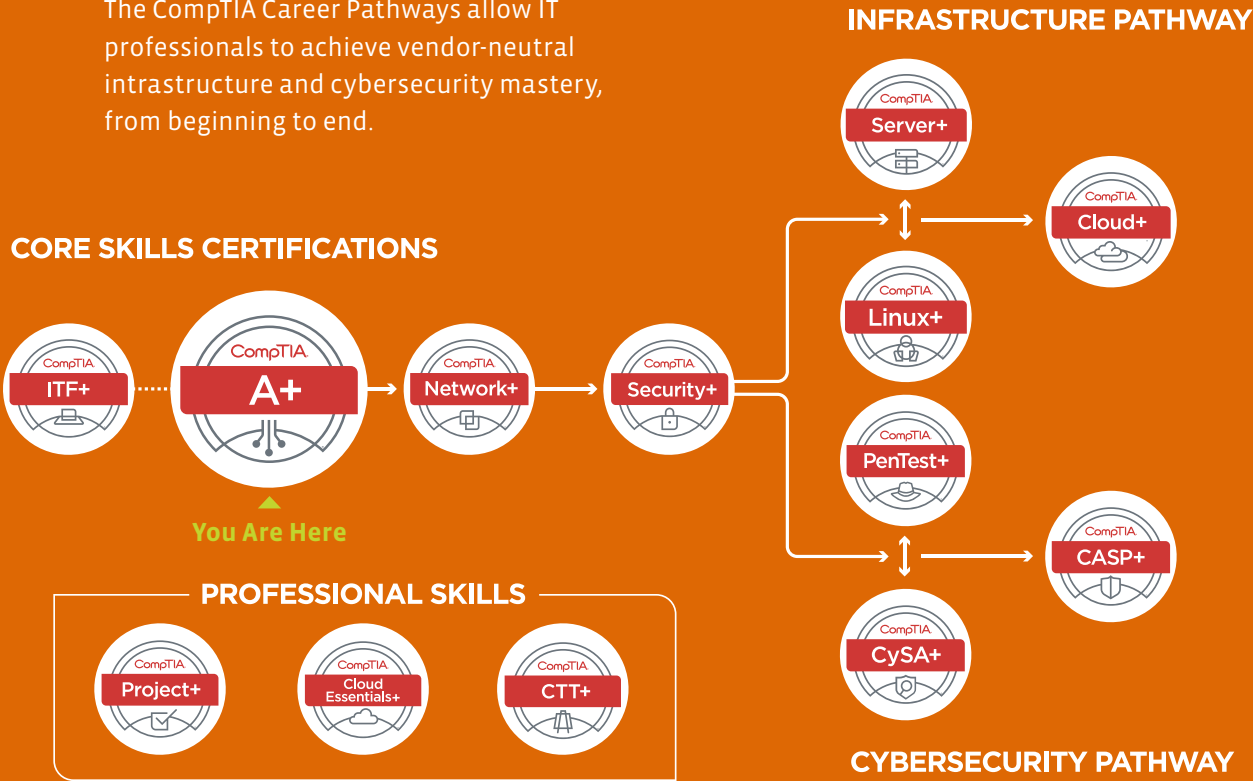
Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M.

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Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About Core Skills Certifications

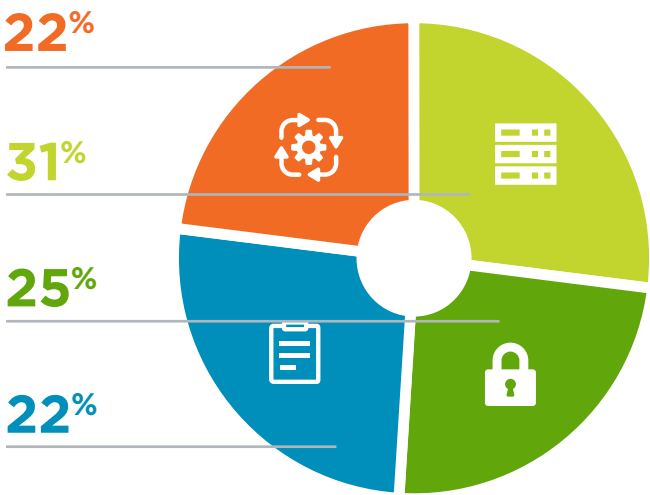
CompTIA’s core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.



SKILLS & COMPETENCIES

-  [Operational Procedures >](#)
-  [Operating Systems >](#)
-  [Security >](#)
-  [Software Troubleshooting >](#)

VIEW EXAM OBJECTIVES



Top A+ Job Roles

- IT Support Specialist
- Helpdesk Technician
- Field Technician
- Tier I Support Specialist
- Desktop Support Specialist
- Associate Network Engineer
- Systems Support Technician
- Junior Systems Administrator

Organizations that Endorse A+

- | | |
|--------------------------|-----------------|
| • Best Buy/Geek Squad | • Defense (DoD) |
| • Blue Cross Blue Shield | • Verizon |
| • Canon | • Wells Fargo |
| • Dell | |
| • Fry's Electronics | |
| • General Dynamics | |
| • HP | |
| • Intel | |
| • Nissan | |
| • Ricoh | |
| • Sharp | |
| • U.S. Department of | |

How does CompTIA A+ Compare?

Find out how CompTIA A+ compares to the leading certification programs.

COMPARE COMPTIA A+

OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA A+ Core 2 Instructor and Student Guide (220-1102) have been developed by CompTIA for the CompTIA Core 2 candidate. Rigorously evaluated to validate coverage of the CompTIA A+ Core 2 (220-1102) exam objectives, The Official CompTIA A+ Core 2 Instructor and Student Guide teach the knowledge and skills to install and configure end-user devices and software, connect devices to networks, perform basic cybersecurity mitigations, troubleshoot common problems to diagnose and resolve issues, and demonstrate basic knowledge of scripting, the cloud, and virtualization, and prepare candidates to take the CompTIA A+ Core 2 certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

PURCHASE A+ HERE

BUY NOW

Key Features & Benefits

-  [Robust Assessment >](#)
-  [Integrate Active Learning >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

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- Transition guides

Student Resources

- eBook
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- Videos
- Assessment
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- Solutions to activities and discussions



COURSE OVERVIEW

CompTIA A+ validates the skills required to install and configure end-user devices and software; connect devices to networks; perform basic cybersecurity mitigations; troubleshoot common problems to diagnose and resolve issues; and demonstrate basic knowledge of scripting, the cloud, and virtualization.

In order to receive the CompTIA A+ certification, learners must pass two exams:
Core 1 (220-1101) and Core 2 (220-1102)

Student Guide Lesson Overview

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- 2 Managing Windows
- 3 Identifying OS Types and Features
- 4 Supporting Windows
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- 6 Managing Linux and macOS
- 7 Configuring SOHO Network Security
- 8 Managing Security Settings
- 9 Supporting Mobile Software
- 10 Using Support and Scripting Tools
- 11 Implementing Operational Procedures

[VIEW COURSE OUTLINE](#)



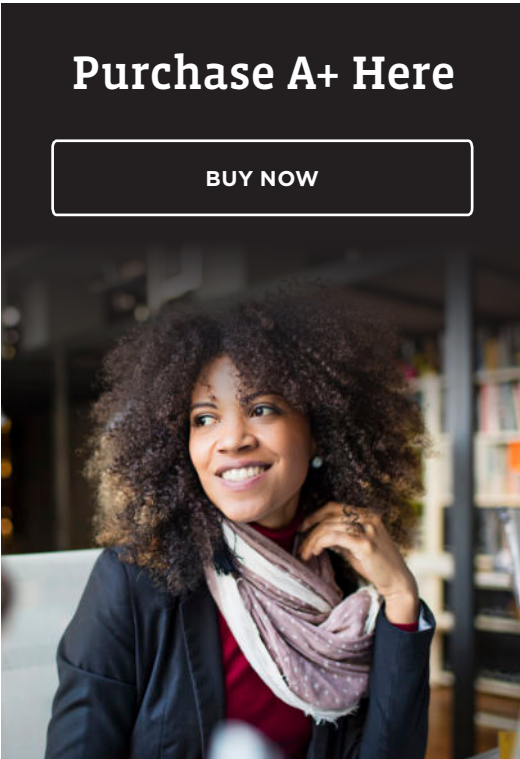
Lab Options for CompTIA A+

CERTMASTER LABS

CertMaster Labs for A+ Core 1 & Core 2 (220-1101 & 220-1102) enable hands-on practice and skills development using real equipment and software accessed through a remote, browser-based lab environment.

Purchase A+ Here

[BUY NOW](#)



I am proud of what I have achieved. I could not have done it without A+.

Phil Norton
SYSTEMS ANALYST III, SOURCEBOOKS

NETWORK+ N10-008

CompTIA Network+ is a global certification that validates the technical skills needed to securely establish, maintain and troubleshoot the essential networks that businesses rely on.



EXAM

N10-008

RELEASE DATE

September 2021

LANGUAGE

English, Japanese

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M.

PREREQUISITES

CompTIA A+ and/or a minimum of 9 months networking experience recommended.

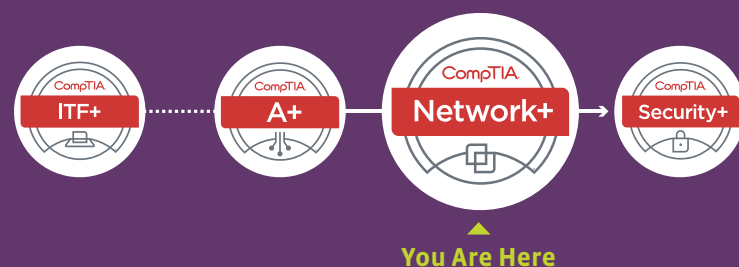
PURCHASE NETWORK+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.

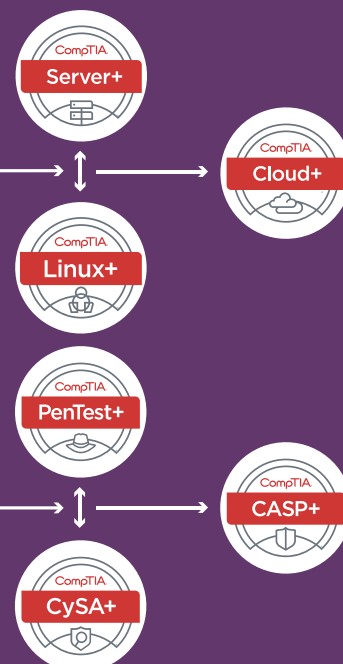
CORE SKILLS CERTIFICATIONS



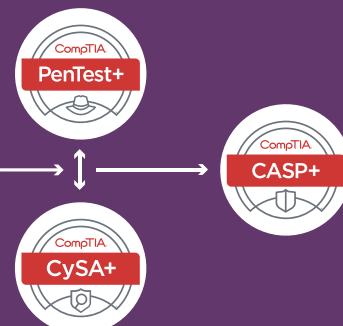
PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY



About Core Skills Certifications

CompTIA's core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.



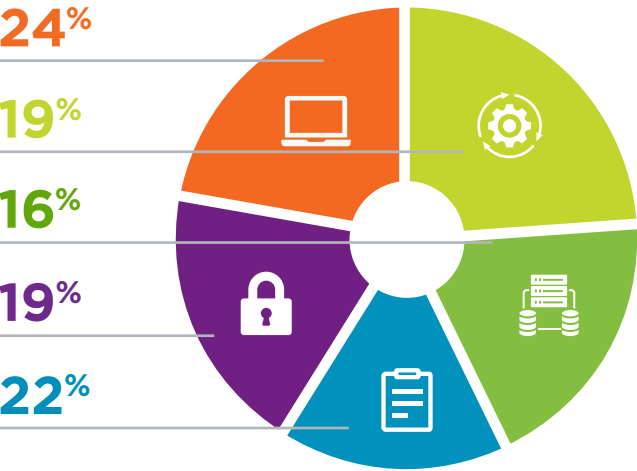
SKILLS & COMPETENCIES

-  [Networking Fundamentals >](#)
-  [Networking Implementations >](#)
-  [Network Operations >](#)
-  [Network Security >](#)
-  [Network Troubleshooting >](#)

VIEW EXAM OBJECTIVES

Top Network+ Job Roles

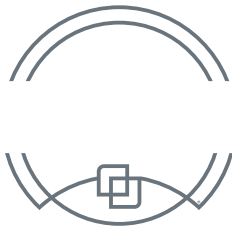
- Junior Network Administrator
- Datacenter Support Technician
- Network Engineer
- System Administrator
- NOC Technician
- Telecommunications Technician
- Cable Technician



Organizations that Use Network+

- Apple
- Blue Cross & Blue Shield
- Canon
- Dell
- HP
- Intel
- Ricoh
- Department of Defense
- Verizon

OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA Network+ Instructor and Student Guides (N10-008) have been developed by CompTIA for the CompTIA Network+ candidate. Rigorously evaluated to validate coverage of the CompTIA Network+ (N10-008) exam objectives, The Official CompTIA Network+ Instructor and Student Guides teach the knowledge and skills to deploy, secure, and troubleshoot SOHO and enterprise networks, and to prepare candidates to take the CompTIA Network+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

PURCHASE NETWORK+ HERE

BUY NOW

Key Features & Benefits

-  [Robust Assessment >](#)
-  [Reorganization Lessons >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

Instructor Resources

- Course-specific delivery tips
- Facilitator notes
- Solutions to activities and discussions
- PowerPoint slides
- Presentation planners

Student Resources

- eBook
- Course files
- Videos
- Assessment
- PowerPoint slides
- Solutions to activities and discussions

How does CompTIA Network+ Compare?

Find out how CompTIA Network+ compares to the leading certification programs.

COMPARE COMPTIA NETWORK+



COURSE OVERVIEW

The CompTIA Network+ certification exam will verify the successful candidate has the skills required to implement enterprise-level wired and wireless network solutions; identify and troubleshoot network performance issues; and harden networks against threats to mitigate security vulnerabilities.

The major areas of emphasis include:

- IP addressing and connecting networks
- Wireless standards and technologies
- Network availability
- Securing and hardening networks

Student Guide Lesson Overview

- 1 Comparing OSI Model Network Functions
- 2 Deploying Ethernet Cabling
- 3 Deploying Ethernet Switching
- 4 Troubleshooting Ethernet Networks
- 5 Explaining IPv4 Addressing
- 6 Supporting IPv4 and IPv6 Networks
- 7 Configuring and Troubleshooting Routers
- 8 Explaining Network Topologies and Types
- 9 Explaining Transport Layer Protocols
- 10 Explaining Network Services
- 11 Explaining Network Applications
- 12 Ensuring Network Availability
- 13 Explaining Common Security Concepts
- 14 Supporting and Troubleshooting Secure Networks
- 15 Deploying and Troubleshooting Wireless Networks
- 16 Comparing WAN Links and Remote Access Methods
- 17 Explaining Organizational and Physical Security Concepts
- 18 Explaining Disaster Recovery and High Availability Concepts
- 19 Applying Network Hardening Techniques
- 20 Summarizing Cloud and Datacenter Architecture

[VIEW COURSE OUTLINE](#)

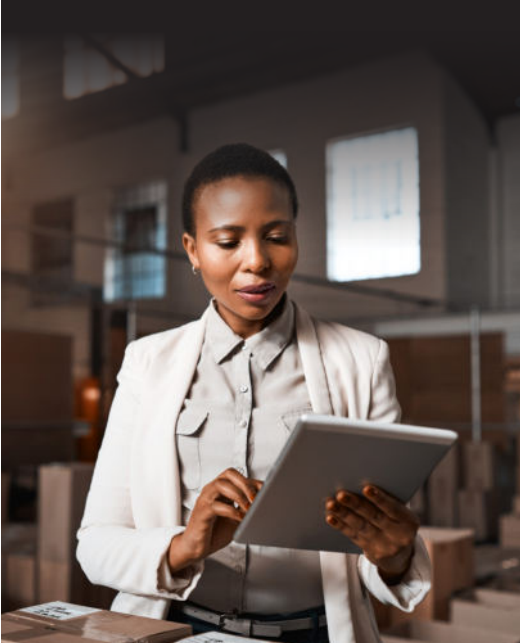


**INTEGRATED LEARNING
PRODUCTS CERTMASTER
LEARN & CERTMASTER LABS**

Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Purchase Network+ Here

[BUY NOW](#)



I always look for CompTIA Network+ on a job applicant's resume because it tells me they're motivated to learn.

Richard Johns
ENGINEER, SPHERION

SECURITY+ SY0-701

CompTIA Security+ is a global certification that validates the foundational cybersecurity skills necessary to perform core security functions and pursue an IT security career.



EXAM

SY0-701

RELEASE DATE

November 2023

LANGUAGE

English

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard.

PREREQUISITES

CompTIA Network+ and two years of experience working in a security/ systems administrator job role.

PURCHASE SECURITY+ HERE

[BUY NOW](#)



Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About Core Skills Certifications

CompTIA's core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.



SKILLS & COMPETENCIES

-  [General Security Concepts >](#)
-  [Threats, Vulnerabilities, and Mitigations >](#)
-  [Security Architecture >](#)
-  [Security Operations >](#)
-  [Security Program Management and Oversight >](#)



[VIEW EXAM OBJECTIVES](#)

Top Security+ Job Roles

- Security Specialist
- Security Administrator
- Systems Administrator Help Desk Analyst
- Security Analyst
- Security Engineer

Organizations that have contributed to the development of Security+

- | | |
|---|--|
| • Blue Chip Talent | • L3Harris |
| • Brotherhood Mutual | • Linford and Company LLC |
| • Contentful | • Lippert Components |
| • Cyber Warfare Tactics LLC | • Microsoft |
| • Deakin University | • MindPoint Group |
| • Deloitte | • Nationwide |
| • Fidelis Risk Advisory | • Organon |
| • Fidelity Investments | • SecureWorks |
| • Five9 | • SenseOn |
| • General Dynamics IT (GDIT) | • SS&C Technologies |
| • Growth Arbor | • U.S. Navy Center for Information Dominance |
| • Johns Hopkins University Applied Physics Laboratory | • Washington State Patrol |
| | • Wells Fargo |
| | • Zoom |

How does CompTIA Security+ Compare?

Find out how CompTIA Security+ compares to the other leading certification programs.

[COMPARE COMPTIA SECURITY+](#)

OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA Security+ Instructor and Student Guides (SY0-701) have been developed by CompTIA for the CompTIA Security+ candidate. Rigorously evaluated to validate coverage of the CompTIA Security+ (SY0-701) exam objectives, The Official CompTIA Security+ Instructor and Student Guides teach the knowledge and skills to understand to assess the security posture of an enterprise environment and recommend and implement appropriate security solutions; monitor and secure hybrid environments, including cloud, mobile, and IoT; operate with an awareness of applicable regulations and policies, including principles of governance, risk, and compliance; identify, analyze, and respond to security events and incidents, and prepare candidates to take the CompTIA Security+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

 Books  Labs  e-Learning  Exam Prep  Bundle Pricing

PURCHASE SECURITY+ HERE

[BUY NOW](#)

Key Features & Benefits

-  [Robust Assessment >](#)
-  [Reorganization Lessons >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

Instructor Resources

Course-specific delivery tips

Facilitator notes

Solutions to activities and discussions

PowerPoint slides

Presentation planners

Transition guides

Student Resources

eBook

Course files

Videos

Assessment

PowerPoint slides

Solutions to activities and discussions



COURSE OVERVIEW

The CompTIA Security+ (SY0-701) certification exam will verify the successful candidate has the knowledge and skills required to:

- Assess the security posture of an enterprise environment and recommend and implement appropriate security solutions.
- Monitor and secure hybrid environments, including cloud, mobile, and Internet of Things (IoT).
- Operate with an awareness of applicable regulations and policies, including principles of governance, risk, and compliance.
- Identify, analyze, and respond to security events and incidents.

Student Guide Lesson Overview

- 1 Summarize Fundamental Security Concepts
- 2 Explaining Threat Actors and Threat Intelligence
- 3 Explain Cryptographic Solutions
- 4 Implement Identity and Access Management
- 5 Secure Enterprise Network Architecture
- 6 Secure Cloud Network Architecture
- 7 Explain Resiliency and Site Security Concepts
- 8 Explain Vulnerability Management
- 9 Evaluate Network Security Capabilities
- 10 Assess Endpoint Security Capabilities
- 11 Enhance Application Security Capabilities
- 12 Explain Incident Response and Monitoring Concepts
- 13 Analyze Indicators of Malicious Activity
- 14 Summarize Security Governance Concepts
- 15 Explain Risk Management Processes
- 16 Summarize Data Protection and Compliance Concepts

[VIEW COURSE OUTLINE](#)

INTEGRATED LEARNING PRODUCTS CERTMASTER LEARN & CERTMASTER LABS



Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Purchase Security+ Here

[BUY NOW](#)



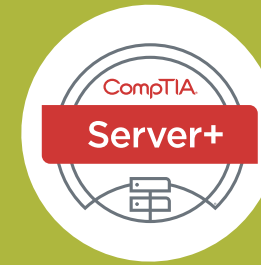
Earning the Security+ certification was the ace to set me apart from my peers. I wouldn't be where I am today without it.

N. Peter Caro
SENIOR INFORMATION ASSURANCE ARCHITECT, KEYW CORPORATION

SERVER+ SK0-005



CompTIA Server+ is a global certification that validates the hands-on skills of IT professionals who install, manage and troubleshoot servers in data centers as well as on-premise and hybrid environments.



EXAM

SK0-005

RELEASE DATE

May 2021

LANGUAGE

English

CE REQUIRED?

No

PREREQUISITES

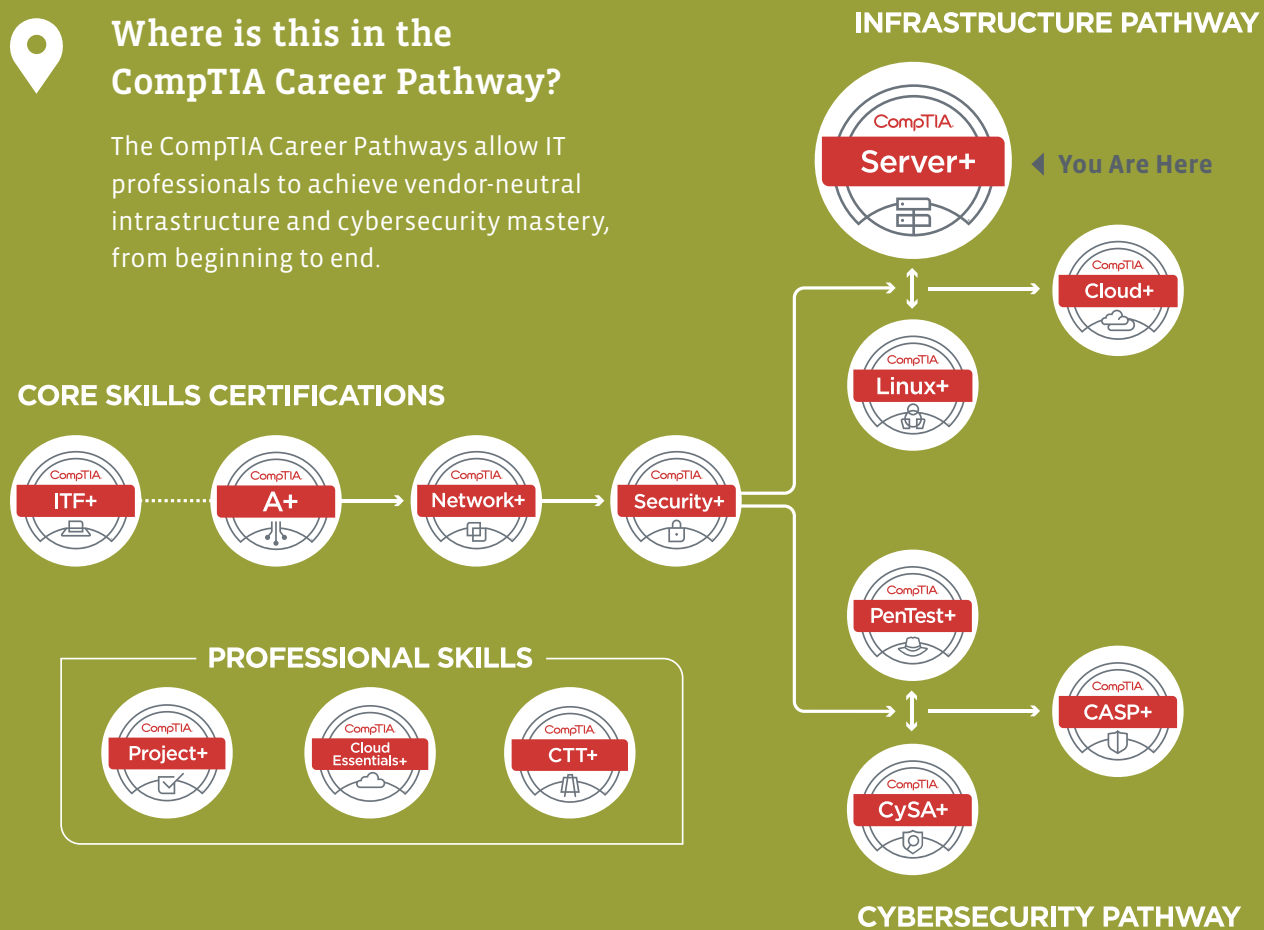
Recommended CompTIA A+ and at least 18 months of IT experience.

PURCHASE SERVER+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



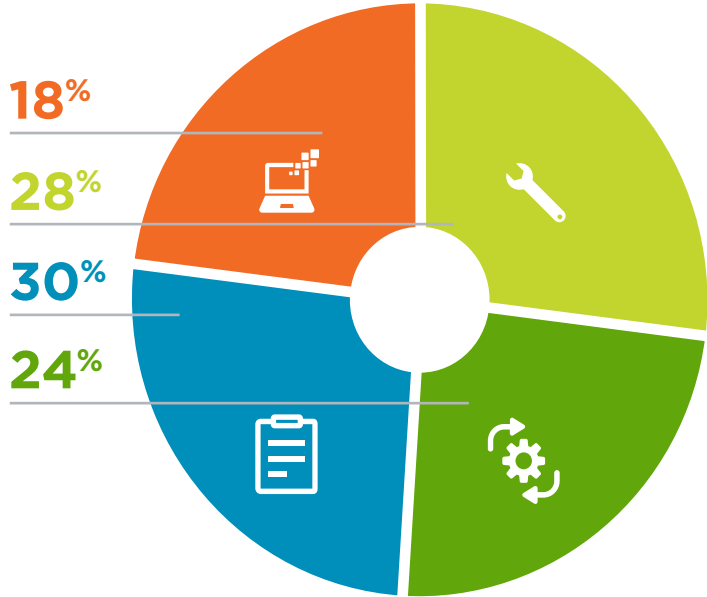
About the Infrastructure Pathway

IT infrastructure is the bedrock of IT operations and necessary for any business to function.



SKILLS & COMPETENCIES

-  [Server Hardware Installation & Management](#)
-  [Troubleshooting](#)
-  [Server Administration](#)
-  [Security & Disaster Recovery](#)



VIEW EXAM OBJECTIVES

Top Server+ Job Roles

- Systems Administrator
- Data Center Technician
- Server Administrator
- Network Administrator
- Field Service Technician or Engineer
- IT Technician
- Data Center Engineer

Organizations that contributed to the development of CompTIA Server+

- Microsoft
- Wells Fargo
- AECOM
- General Mills
- U.S. Navy

How does CompTIA Server+ Compare?

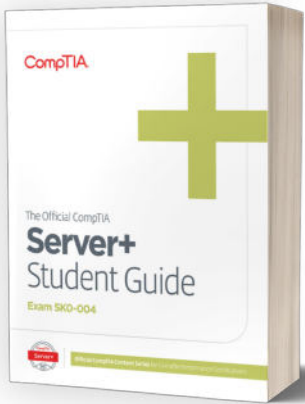
Find out how CompTIA Server+ compares to the leading certification programs.

COMPARE COMPTIA SERVER+

OFFICIAL LEARNING RESOURCES

Overview

The Official CompTIA Server+ Guides (SK0-005) are rigorously evaluated to validate coverage of the CompTIA Server+ (SK0-005) exam objectives. The Official CompTIA Server+ Instructor and Student Guides teach the knowledge and skills required to install, configure, and manage server hardware and server operating systems; implement proper server hardening and security controls; successfully troubleshoot common server problems; demonstrate an understanding of key disaster recovery, high-availability, and backup concepts; and prepare candidates to take the CompTIA Server+ certification exam.



AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

 Books  Labs  e-Learning  Exam Prep  Bundle Pricing

PURCHASE SERVER+ HERE

BUY NOW

Key Features & Benefits

-  [Robust Assessment](#)
-  [Integrate Active Learning](#)
-  [Alignment and Consistency Across Book and Assessment](#)
-  [Engaging Video Program Developed Exclusively for CompTIA](#)
-  [Refreshed Interior Design and Image Program](#)

Instructor Resources

Course-specific delivery tips

Facilitator notes

Solutions to activities and discussions

PowerPoint slides

Presentation planners

Student Resources

eBook

Course files

Videos

Assessment

PowerPoint slides

Solutions to activities and discussions



COURSE OVERVIEW

CompTIA Server+ SK0-005 certifies individuals who securely administer physical and virtual servers. This exam will certify that the successful candidate has the knowledge and skills required to:

- Install, configure and manage server hardware and server operating systems
- Implement proper server hardening and security controls
- Successfully troubleshoot common server problems
- Demonstrate an understanding of key disaster recovery, high availability and backup concepts

Student Guide Lesson Overview

- 1 Understanding Server Administration Concepts
- 2 Understanding Virtualization and Cloud Computing
- 3 Understanding Physical and Network Security Concepts
- 4 Managing Physical Assets
- 5 Managing Server Hardware
- 6 Configuring Storage Management
- 7 Installing and Configuring an Operating System
- 8 Troubleshooting OS, Application, and Network Configurations
- 9 Managing Post-Installation Administrative Tasks
- 10 Managing Data Security
- 11 Managing Service and Data Availability
- 12 Decommissioning Servers

[VIEW COURSE OUTLINE](#)



**INTEGRATED LEARNING
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Purchase Server+ Here

[BUY NOW](#)



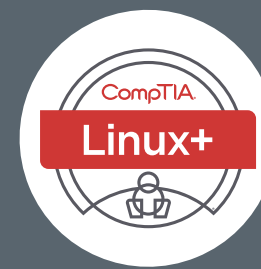
CompTIA training and certification provide the full spectrum of IT understanding.

James Lapwood
COMMUNICATIONS MANAGER, FIREBRAND

LINUX+ XK0-005



CompTIA Linux+ validates the skills administrators need to secure the enterprise, power the cloud and keep systems running. The new certification ensures that IT professionals, software developers, cybersecurity engineers and penetration testers have these necessary skills to support today's tech systems.



EXAM

XK0-005

RELEASE DATE

July 2022

LANGUAGE

English, Japanese,
German, Portuguese
and Spanish

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show
compliance with the ISO
17024 Standard.

PREREQUISITES

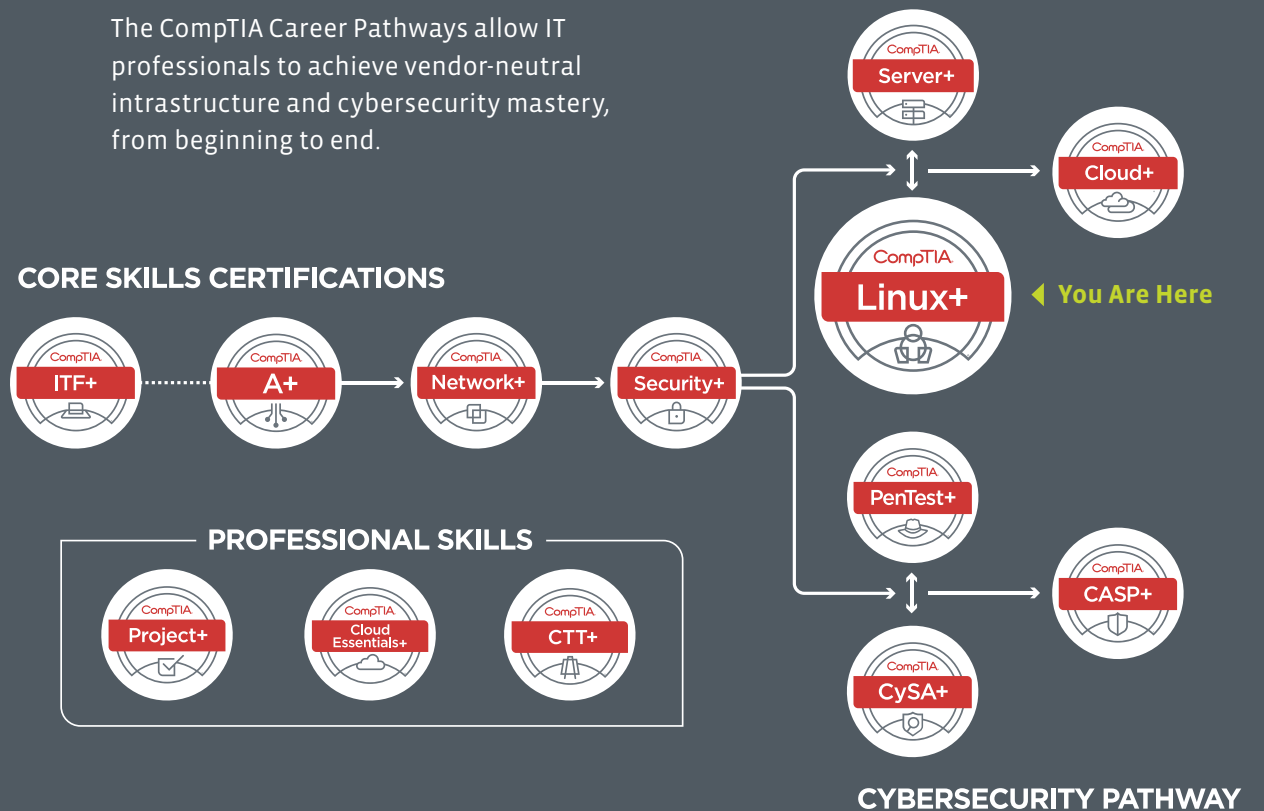
Recommended CompTIA A+,
CompTIA Network+ and 12
months as a Junior Linux
Engineer

PURCHASE LINUX+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About the Infrastructure Pathway

IT infrastructure is the bedrock of IT operations and necessary for any business to function.



SKILLS & COMPETENCIES

-  [System Management >](#)
-  [Security >](#)
-  [Scripting, Containers, and Automation >](#)
-  [Troubleshooting >](#)

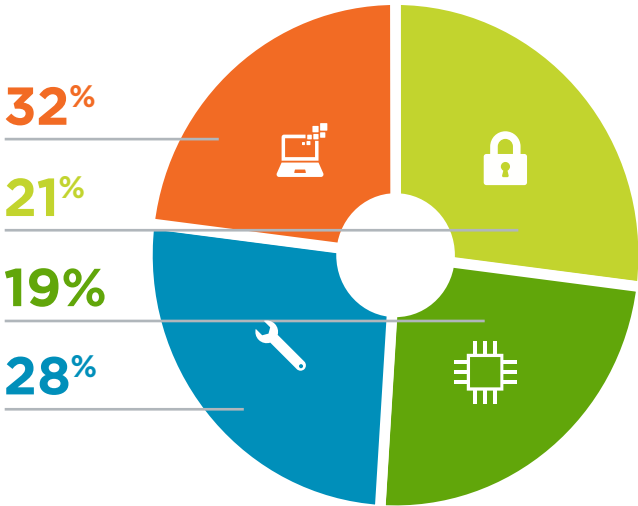
VIEW EXAM OBJECTIVES

Top Linux+ Job Roles

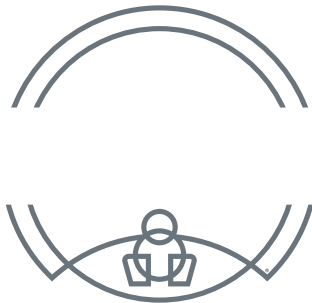
- Linux Administrator
- Junior Cloud Engineer
- Junior DevOps Support Engineer
- Technical Support Specialist
- Systems Administrator
- Network Administrator
- Web Administrator/ Developer
- Cybersecurity Engineer
- Linux Engineer

Organizations that Use Linux+

- Amazon
- American Airlines
- Dell
- GEICO
- U.S. Department of Defense
- U.S. Navy



OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA Linux+ Instructor and Student Guides (XK0-005) have been developed by CompTIA for the CompTIA Linux+ candidate. Rigorously evaluated to validate coverage of the CompTIA Linux+ (XK0-005) exam objectives, The Official CompTIA Linux+ Instructor and Student Guides teach the knowledge and skills needed to configure, manage, operate, and troubleshoot Linux on-premises and cloud-based server environments, while using security best practices, scripting, containerization, and automation, as well as prepare candidates to take the CompTIA Linux+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

 Books  Labs  e-Learning  Exam Prep  Bundle Pricing

PURCHASE LINUX+ HERE

BUY NOW

Key Features & Benefits

-  [Robust Assessment >](#)
-  [Integrate Active Learning >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

Instructor Resources

- Course-specific delivery tips
- Facilitator notes
- Solutions to activities and discussions
- PowerPoint slides
- Presentation planners

Student Resources

- eBook
- Course files
- Videos
- Assessment
- PowerPoint slides
- Solutions to activities and discussions

How does CompTIA Linux+ Compare?

Find out how CompTIA Linux+ compares to the leading certification programs.

COMPARE COMPTIA LINUX+



COURSE OVERVIEW

The new version of CompTIA Linux+ covers how Linux powers the cloud and automates critical processes. Linux enables business to automate and orchestrate processes to scale and improve operations. These include infrastructure as code and containers, both of which are covered as separate objectives.

Student Guide Lesson Overview

- 1 Introducing Linux
- 2 Administering Users and Groups
- 3 Configuring Permissions
- 4 Implementing File Management
- 5 Authoring Text Files
- 6 Managing Software
- 7 Administering Storage
- 8 Managing Devices, Processes, Memory, and the Kernel
- 9 Managing Services
- 10 Configuring Network Settings
- 11 Configuring Network Security
- 12 Managing Linux Security
- 13 Implementing Simple Scripts
- 14 Using Infrastructure as Code
- 15 Managing Containers in Linux
- 16 Installing Linux

[VIEW COURSE OUTLINE](#)



**INTEGRATED LEARNING
PRODUCTS CERTMASTER
LEARN & CERTMASTER LABS**

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Purchase Linux+ Here

[BUY NOW](#)



It all boils down to certification being an internationally recognized credential. If you can put that on your resume, you'll have a competitive advantage.

Mark Milton
DIRECTOR OF PEOPLE SERVICES, GOODWILL INDUSTRIES

CLOUD+ CV0-003



CompTIA Cloud+ is a global certification that validates the skills needed to deploy and automate secure cloud environments that support the high availability of business systems and data.

PREREQUISITES

No pre-requisites, but 24 to 36 months of systems administration experience recommended.



EXAM

CV0-003

RELEASE DATE

May 2021

LANGUAGE

English

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M.

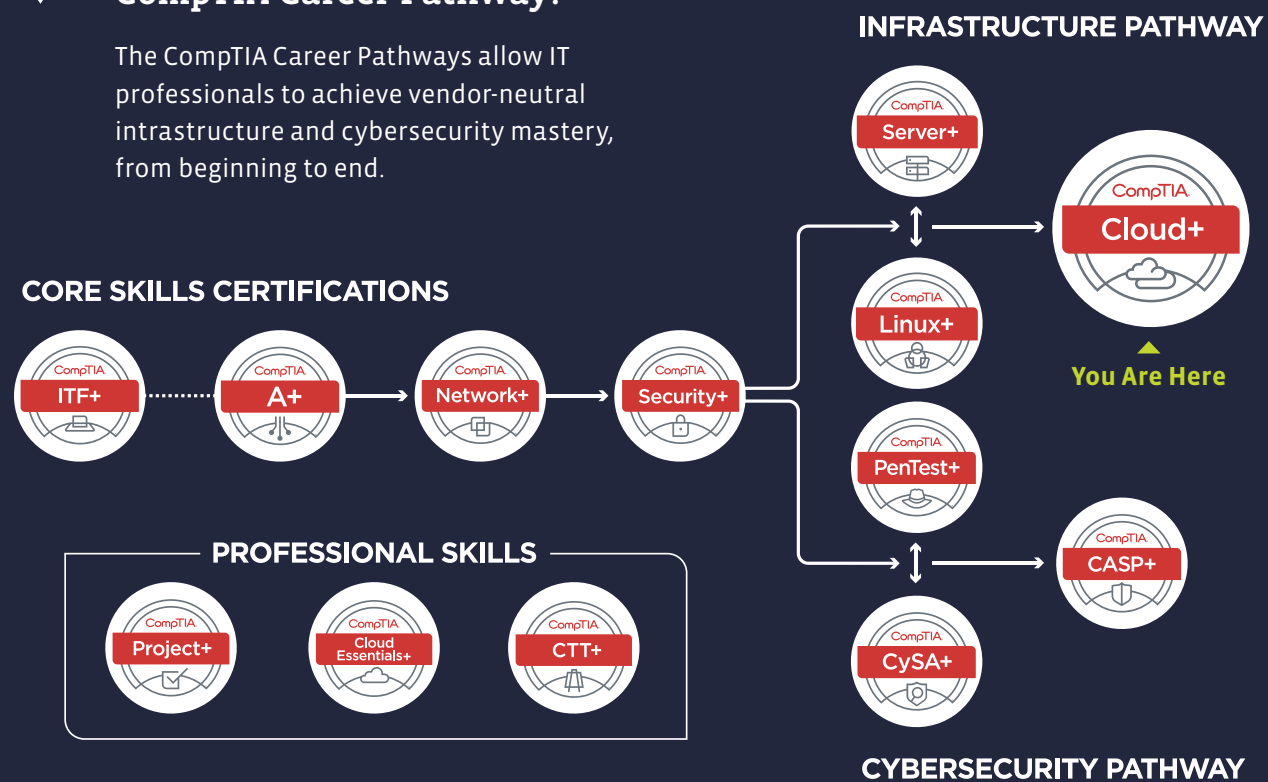
PURCHASE CLOUD+ HERE

[BUY NOW](#)



Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About the Infrastructure Pathway

IT infrastructure is the bedrock of IT operations and necessary for any business to function.



SKILLS & COMPETENCIES

-  [Troubleshooting >](#)
-  [Cloud Architecture & Design >](#)
-  [Security >](#)
-  [Deployment >](#)
-  [Operations & Support >](#)

[VIEW EXAM OBJECTIVES](#)

Top Cloud+ Job Roles

- Sr. Systems Administrator
- Systems Engineer
- Sr. Network Administrator
- Sr. Network Engineer
- Cloud Specialist
- Cloud Project Manager



Organizations that Use Cloud+

- NTT Communications Corp.
- Oracle
- MacAulay-Brown, Inc.
- General Dynamics Information Technology
- MorphoTrust USA
- BAE Systems
- US Department of Defense

OFFICIAL LEARNING RESOURCES



Overview

The **Official CompTIA Cloud+ Guides (CV0-003)** are rigorously evaluated to validate coverage of the CompTIA Cloud+ (CV0-003) exam objectives. The Official CompTIA Cloud+ Instructor and Student Guides teach the knowledge and skills to understand cloud architecture and design, deploy cloud services and solutions, successfully maintain, secure, and optimize a cloud environment, troubleshoot common cloud management issues, and prepare candidates to take the CompTIA Cloud+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

PURCHASE CLOUD+ HERE

[BUY NOW](#)

Key Features & Benefits

-  [Robust Assessment >](#)
-  [Integrate Active Learning >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

Instructor Resources

- Course-specific delivery tips
- Facilitator notes
- Solutions to activities and discussions
- PowerPoint slides
- Presentation planners

Student Resources

- eBook
- Course files
- Videos
- Assessment
- PowerPoint slides
- Solutions to activities and discussions

How does CompTIA Cloud+ Compare?

Find out how CompTIA Cloud+ compares to the leading certification programs.

[COMPARE COMPTIA CLOUD+](#)



COURSE OVERVIEW

CompTIA Cloud+ validates the skills needed to implement cloud solutions, maintain and optimize cloud environments, and troubleshoot issues encountered when working in the cloud. The major areas of emphasis include:

- Cloud architecture and design
- Security within the cloud
- Automation and virtualization
- Disaster recovery High availability

Student Guide Lesson Overview

- 1 Understanding Cloud Concepts
- 2 Planning and Designing a Cloud Environment
- 3 Administering Cloud Resources
- 4 Managing Cloud Storage
- 5 Managing Networks in the Cloud
- 6 Securing and Troubleshooting Networks in the Cloud
- 7 Managing Cloud Migrations and Troubleshooting Cloud Deployments
- 8 Managing Cloud Automation and Orchestration
- 9 Understanding Cloud Security Concepts
- 10 Managing Cloud Security
- 11 Managing Cloud Performance
- 12 Managing Maintenance in the Cloud
- 13 Implementing High Availability and Disaster Recovery in the Cloud

[VIEW COURSE OUTLINE](#)



**INTEGRATED LEARNING
PRODUCTS CERTMASTER
LEARN & CERTMASTER LABS**

Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Purchase Cloud+ Here

BUY NOW





Cloud+ certification will set individuals ahead of their peers and make them more valuable to employers.

Nathan Savolskis
SYSTEM ENGINEER, MACAULEY-BROWN, INC

COMPTIA CYSA+ CSO-003



CompTIA Cybersecurity Analyst (CySA+) is a certification for cyber professionals tasked with incident detection, prevention and response through continuous security monitoring.



EXAM #

CSO-003

RELEASE DATE

June 2023

LANGUAGE

English

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard.

PREREQUISITES

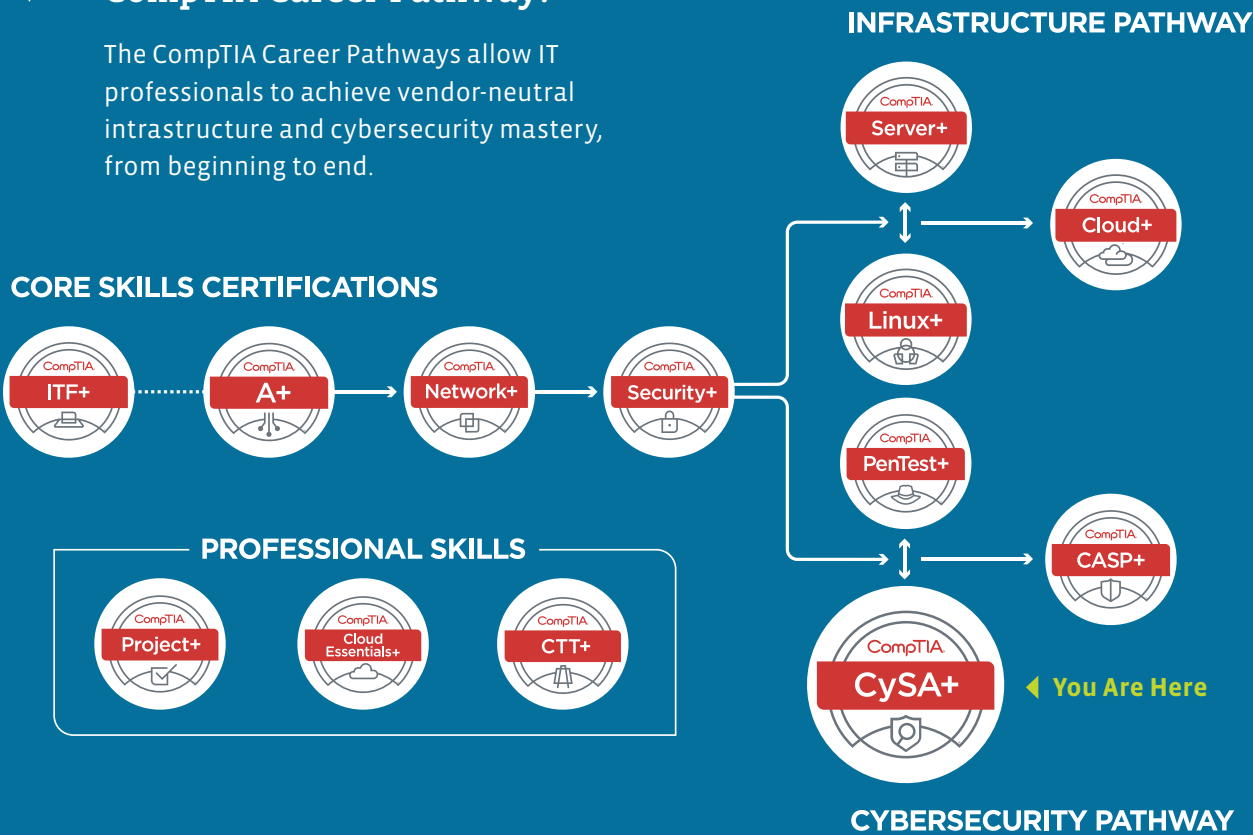
Network+, Security+ or equivalent knowledge.
Minimum of 4 years of hands-on information security or related experience.

PURCHASE CYSA+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

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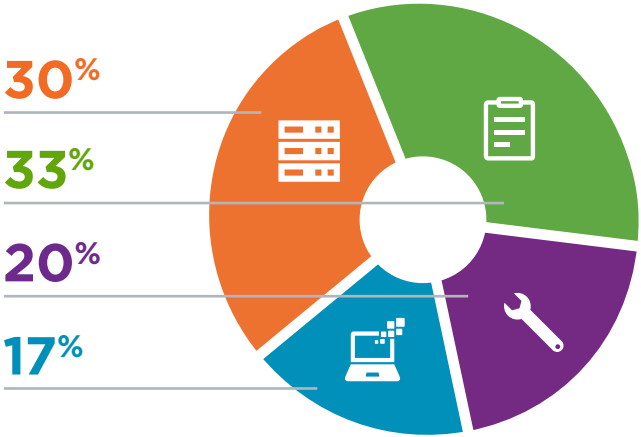
About the Cybersecurity Pathway

The CompTIA Cybersecurity Career Pathway helps technical specialists achieve cybersecurity mastery, from beginning to end.



SKILLS & COMPETENCIES

-  Vulnerability Management
-  Security Operations
-  Incident Response Management
-  Reporting and Communication



VIEW EXAM OBJECTIVES

Top CompTIA CySA+ Job Roles

- Primary Job Roles**
- Security Analyst
 - Security Operations Center (SOC) Analyst
 - Incident Response Analyst
- Secondary Job Roles**
- Vulnerability Management Analyst
 - Security Engineer
 - Threat Hunter

Organizations that Have Contributed to the Development of CompTIA CySA+

- | | |
|------------------------------|--|
| • Amazon Web Services | • SenseOn |
| • Bank of Montreal (BMO) | • University of Maryland |
| • Booz Allen Hamilton | • U.S. Department of Defense |
| • Contentful | • U.S. Navy |
| • Deloitte | • U.S. Navy Center for Information Dominance |
| • Fidelis Risk Advisory | • Visa |
| • Fidelity Investments | • Washington State Patrol |
| • Five9 | • Zoom |
| • General Dynamics IT (GDIT) | • 11:11 Systems |
| • L3Harris | |
| • Microsoft | |
| • Organon | |
| • SecureWorks | |

How does CompTIA CySA+ Compare?

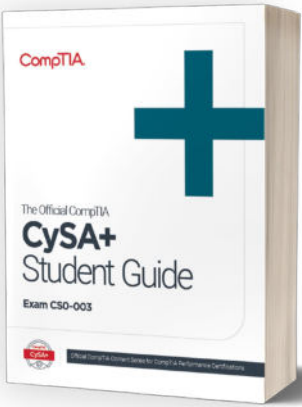
Find out how CompTIA CySA+ compares to the leading certification programs.

COMPARE COMPTIA CYSA+

OFFICIAL LEARNING RESOURCES

Overview

The Official CompTIA Cybersecurity Analyst (CySA+) Instructor and Student Guides (CS0-003) have been developed by CompTIA for the CompTIA CySA+ candidate. Rigorously evaluated to validate coverage of the CompTIA CySA+ (CS0-003) exam objectives, The Official CompTIA CySA+ Instructor and Student Guides teach the knowledge and skills to understand monitor and respond to network traffic findings, software and application security, automation, threat hunting, IT regulatory compliance, and prepare candidates to take the CompTIA CySA+ certification exam.



AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

 Books  Labs  e-Learning  Exam Prep  Bundle Pricing

PURCHASE CYSA+ HERE

BUY NOW

Key Features & Benefits

-  **Designed and Tested Specifically for Instructor-led Training >**
-  **Integrate Active Learning >**
-  **Focused on Job Roles and Objectives >**

-  **Support the Modern Learner >**
-  **Refreshed Interior Design and Image Program >**

Instructor Resources

Course-specific delivery tips

Facilitator notes

Solutions to activities and discussions

PowerPoint slides

Presentation planners

Student Resources

eBook

Course files

Videos

Assessment

PowerPoint slides

Solutions to activities and discussions



COURSE OVERVIEW

What's in the exam?

The CompTIA CySA+ exam ensures the candidate has the knowledge and skills required to:

- Detect and analyze **indicators of malicious activity**
- Understand **threat hunting** and **threat intelligence** concepts
- Use appropriate tools and methods to **manage, prioritize, and respond to attacks and vulnerabilities**
- Perform **incident response processes**
- Understand reporting and communication concepts related to **vulnerability management and incident response activities**.

Student Guide Lesson Overview

- 1 Lesson 1: Understanding Vulnerability Response, Handling, and Management
- 2 Lesson 2: Exploring Threat Intelligence and Threat Hunting Concepts
- 3 Lesson 3: Explaining Important System and Network Architecture Concepts
- 4 Lesson 4: Understanding Process Improvement in Security Operations
- 5 Lesson 5: Implementing Vulnerability Scanning Methods
- 6 Lesson 6: Performing Vulnerability Analysis
- 7 Lesson 7: Communicating Vulnerability Information
- 8 Lesson 8: Explaining Incident Response Activities
- 9 Lesson 9: Demonstrating Incident Response Communication
- 10 Lesson 10: Applying Tools to Identify Malicious Activity
- 11 Lesson 11: Analyzing Potentially Malicious Activity
- 12 Lesson 12: Understanding Application Vulnerability Assessment
- 13 Lesson 13: Exploring Scripting Tools and Analysis Concepts
- 14 Lesson 14: Understanding Application Security and Attack Mitigation Best Practices

[VIEW COURSE OUTLINE](#)



INTEGRATED LEARNING PRODUCTS CERTMASTER LEARN & CERTMASTER LABS

Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Purchase CompTIA CySA+ Here

[BUY NOW](#)



Everybody in technology should have this {CySA+}. It should be mandatory if you're going to stay in IT over the coming decade.

Jim Lucari
SENIOR MANAGER, CERTIFICATION SOLUTIONS DEVELOPMENT, HP ENTERPRISE

PENTEST+ PT0-002



CompTIA PenTest+ is for cybersecurity professionals tasked with penetration testing and vulnerability management.



EXAM

PT0-002

RELEASE DATE

October 2021

LANGUAGE

English

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M.

PREREQUISITES

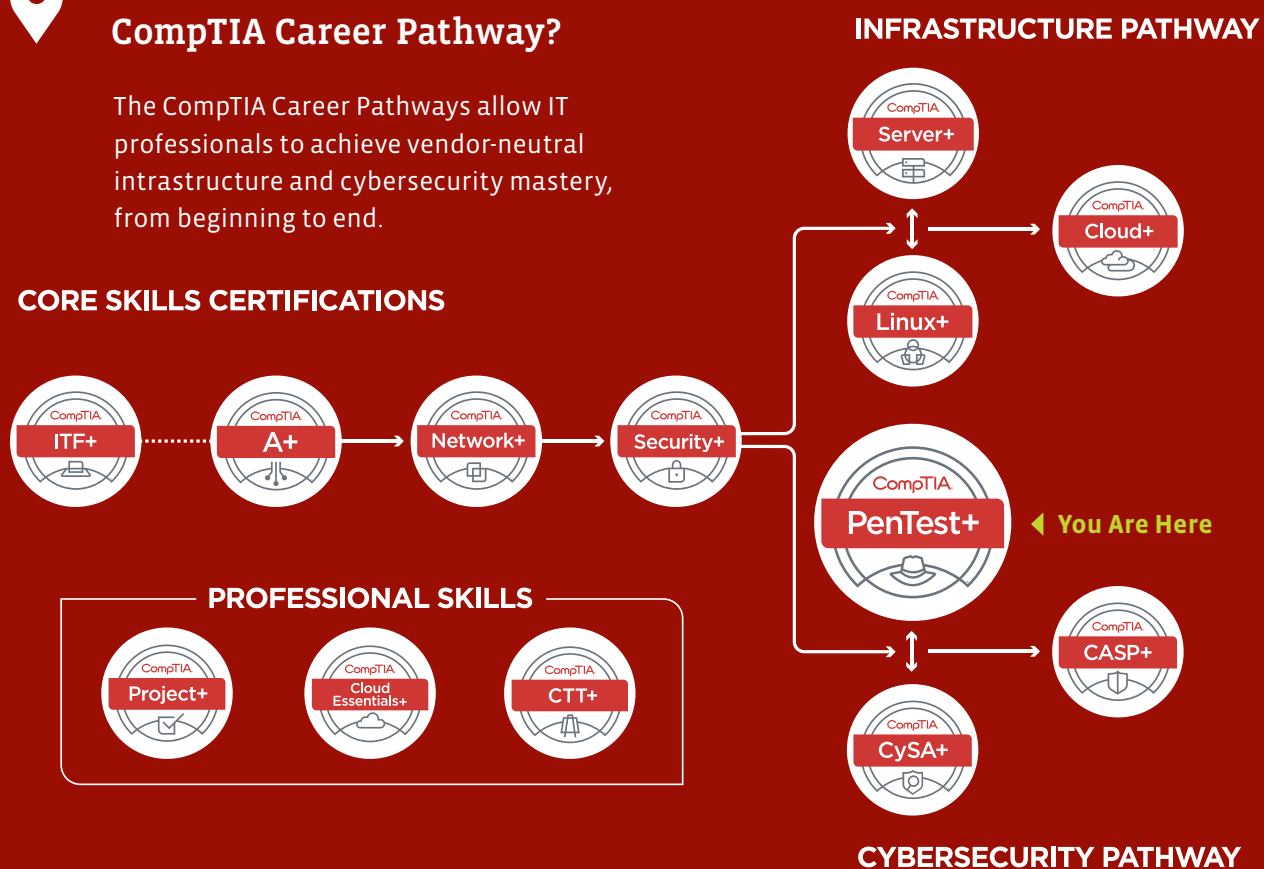
Network+, Security+ or equivalent knowledge. Minimum of 3-4 years of hands-on experience working in a security consultant or penetration tester job role.

PURCHASE PENTEST+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About the Cybersecurity Pathway

The CompTIA Cybersecurity Career Pathway helps technical specialists achieve cybersecurity mastery, from beginning to end.



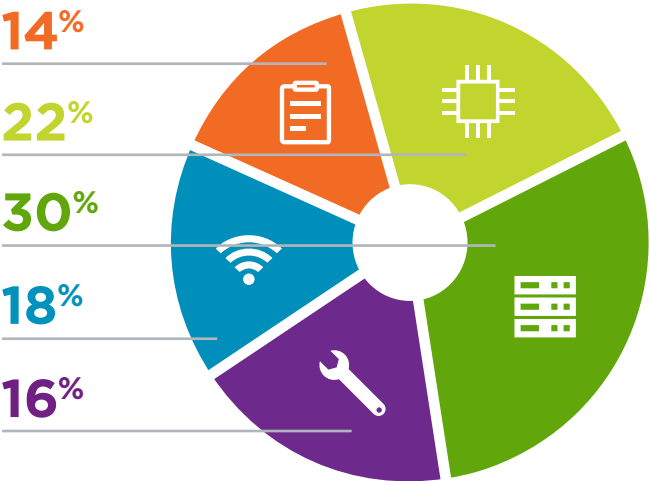
SKILLS & COMPETENCIES

-  [Planning & Scoping >](#)
-  [Information Gathering & Vulnerability Identification >](#)
-  [Attacks & Exploits >](#)
-  [Reporting and Communication >](#)
-  [Tools and Code Analysis >](#)

[VIEW EXAM OBJECTIVES](#)

Top PenTest+ Job Roles

- Penetration Tester
- Security Consultant
- Cloud Penetration Tester
- Web App Penetration Tester
- Cloud Security Specialist
- Network & Security Specialist
- Information Security Engineer
- Security Analyst



Organizations that contributed to the development of PenTest+

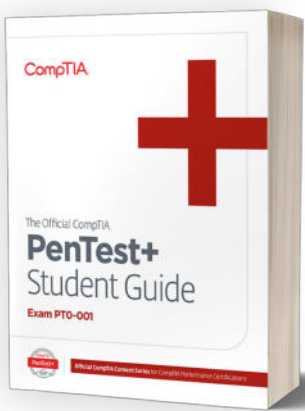
- | | |
|---|--|
| • Paylocity | • Laboratory |
| • SecureWorks | • U.S. Navy Center for Information Dominance |
| • Micro Focus | • U.S. Army |
| • Tata Consultancy Services | • Target Corp. |
| • All in One – Benin | • General Dynamics IT (GDIT) |
| • The Mako Group | • Tanium |
| • Archdiocese of Philadelphia | • Ricoh |
| • RxSense | • aeSolutions Industrial Cybersecurity |
| • Cricket Health | |
| • Washington Patrol Service | |
| • John Hopkins University Applied Physics | |

How does CompTIA PenTest+ Compare?

Find out how CompTIA PenTest+ compares to the leading certification programs.

[COMPARE COMPTIA PENTEST+](#)

OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA PenTest+ Guides (PTO-002) are developed by CompTIA for the CompTIA PenTest+ candidate. Rigorously evaluated to validate coverage of the CompTIA PenTest+ (PTO-002) exam objectives, The Official CompTIA PenTest+ Instructor and Student Guides teach the knowledge and skills to understand how to plan and scope a penetration testing engagement including vulnerability scanning, understand legal and compliance requirements, analyze results, and produce a written report with remediation techniques and prepare candidates to take the CompTIA PenTest+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

 Books  Labs  e-Learning  Exam Prep  Bundle Pricing

PURCHASE PENTEST+ HERE

[BUY NOW](#)

Key Features & Benefits

 [Robust Assessment >](#)

 [Integrate Active Learning >](#)

 [Alignment and Consistency Across Book and Assessment >](#)

 [Engaging Video Program Developed Exclusively for CompTIA >](#)

 [Refreshed Interior Design and Image Program >](#)

Instructor Resources

Course-specific delivery tips

Facilitator notes

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Presentation planners

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Solutions to activities and discussions



COURSE OVERVIEW

PenTest+ assesses the most up-to-date penetration testing, and vulnerability assessment and management skills necessary to determine the resiliency of the network against attacks. The CompTIA PenTest+ certification exam will verify successful candidates have the knowledge and skills required to:

- Plan and scope a penetration testing engagement
- Understand legal and compliance requirements
- Perform vulnerability scanning and penetration testing using appropriate tools and techniques, and then analyze the results
- Produce a written report containing proposed remediation techniques, effectively communicate results to the management team, and provide practical recommendations

Student Guide Lesson Overview

- 1 Scoping Organizational/Customer Requirements
- 2 Defining the Rules of Engagement
- 3 Footprinting and Gathering Intelligence
- 4 Evaluating Human and Physical Vulnerabilities
- 5 Preparing the Vulnerability Scan
- 6 Scanning Logical Vulnerabilities
- 7 Analyzing Scanning Results
- 8 Avoiding Detection and Covering Tracks
- 9 Exploiting the LAN and Cloud
- 10 Testing Wireless Networks
- 11 Targeting Mobile Devices
- 12 Attacking Specialized Systems
- 13 Web Application-Based Attacks
- 14 Performing System Hacking
- 15 Scripting and Software Development
- 16 Leveraging the Attack: Pivot and Penetrate
- 17 Communicating During the PenTesting Process
- 18 Summarizing Report Components
- 19 Recommending Remediation
- 20 Performing Post-Report Delivery Activities



INTEGRATED LEARNING PRODUCTS CERTMASTER LEARN & CERTMASTER LABS

Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Purchase PenTest+ Here

BUY NOW



PenTest+ demonstrates knowledge beyond entry-level and that the individual is competent to add value within a pen tester team immediately; this person can hit the ground running.

Gavin Dennis
SENIOR IT SECURITY CONSULTANT

[VIEW TABLE OF CONTENTS](#)

CASP+ CAS-004



CompTIA Advanced Security Practitioner (CASP+) is an advanced-level cybersecurity certification for security architects and senior security engineers charged with leading and improving an enterprise's cybersecurity readiness.

PREREQUISITES

Students should have 24-36 months' experience with IT networking, network storage, and data center administration. Students should also have familiarity with any major hypervisor technologies for server virtualization, basic knowledge of common cloud service models, and common cloud deployment models.



EXAM

CAS-004

RELEASE DATE

October 2021

LANGUAGE

English

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M

PURCHASE CASP+ HERE

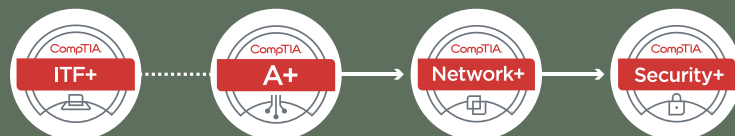
[BUY NOW](#)



Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.

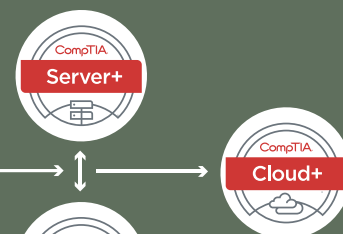
CORE SKILLS CERTIFICATIONS



PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY

You Are Here



About the Cybersecurity Pathway

The CompTIA Cybersecurity Career Pathway helps technical specialists achieve cybersecurity mastery, from beginning to end.



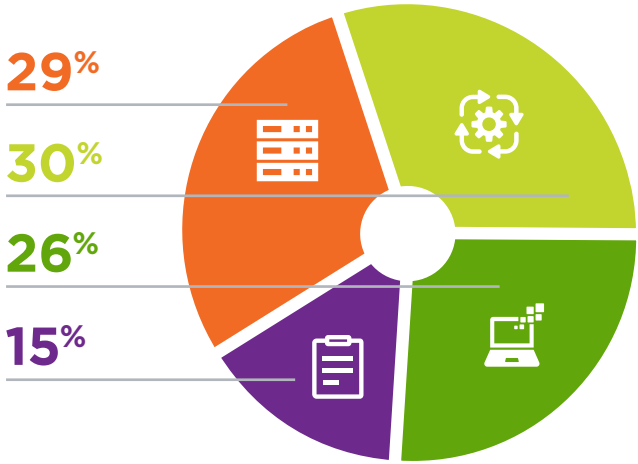
SKILLS & COMPETENCIES

-  [Security Architecture >](#)
-  [Security Operations >](#)
-  [Security Engineering and Cryptography >](#)
-  [Governance, Risk, and Compliance >](#)

VIEW EXAM OBJECTIVES

Top CASP+ Job Roles

- Security Architect
- Senior Security Engineer
- SOC Manager
- Security Analyst
- IT Cybersecurity Specialist/INFOSEC Specialist
- Cyber Risk Analyst



Organizations that have contributed to the development of CASP+

- AT&T Cybersecurity
 - Lockheed Martin
 - Exxon Mobil
 - Archdiocese of Philadelphia
 - RxSense
 - SecureWorks
 - U.S. Dept. of State
 - U.S. Army
 - U.S. Marine Corps
 - U.S. Navy Center for Information Dominance
- East Tennessee State University
 - Target Corp.
 - General Dynamics IT (GDIT)
 - Ricoh
 - Splunk
 - John Hopkins University Applied Physics Laboratory

OFFICIAL LEARNING RESOURCES

Overview

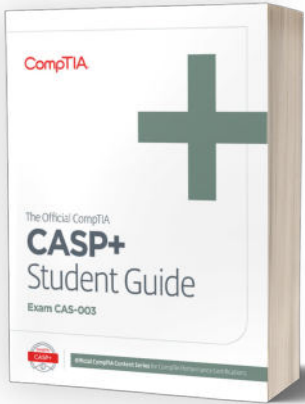
The Official CompTIA CASP+ Guides (CAS-004) are developed by CompTIA for the CompTIA CASP+ candidate. Rigorously evaluated to validate coverage of the CompTIA CASP+ (CAS-004) exam objectives, The Official CompTIA CASP+ Instructor and Student Guides teach the knowledge and skills to understand security architecture, security operations, security engineering and cryptography, governance, risk and compliance, and prepare candidates to take the CompTIA CASP+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

PURCHASE CASP+ HERE

BUY NOW



Key Features & Benefits

-  [Robust Assessment >](#)
-  [Integrate Active Learning >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

Instructor Resources

Course-specific delivery tips

Facilitator notes

Solutions to activities and discussions

PowerPoint slides

Presentation planners

Student Resources

eBook

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Solutions to activities and discussions

How does CompTIA CASP+ Compare?

Find out how CompTIA CASP+ compares to the leading certification programs.

COMPARE COMPTIA CASP+



COURSE OVERVIEW

CASP+ is an advanced-level cybersecurity certification covering technical skills in security architecture and senior security engineering in traditional, cloud, and hybrid environments, governance, risk, and compliance skills, assessing an enterprise’s cybersecurity readiness, and leading technical teams to implement enterprise-wide cybersecurity solutions. Successful candidates will have the knowledge required to:

- Architect, engineer, integrate, and implement secure solutions across complex environments to support a resilient enterprise
- Use monitoring, detection, incident response, and automation to proactively support ongoing security operations in an enterprise environment
- Apply security practices to cloud, on-premises, endpoint, and mobile infrastructure, while considering cryptographic technologies and techniques
- Consider the impact of governance, risk, and compliance requirements throughout the enterprise

Student Guide Lesson Overview

- 1 Performing Risk Management Activities
- 2 Summarizing Governance & Compliance Strategies
- 3 Implementing Business Continuity & Disaster Recovery
- 4 Identifying Infrastructure Services
- 5 Performing Software Integration
- 6 Explain Virtualization, Cloud and Emerging Technology
- 7 Exploring Secure Configurations and System Hardening
- 8 Understanding Security Considerations of Cloud and Specialized Platforms
- 9 Implementing Cryptography
- 10 Implementing Public Key Infrastructure (PKI)
- 11 Understanding Threat and Vulnerability Management Activities
- 12 Developing Incident Response Capabilities

[VIEW COURSE OUTLINE](#)



**INTEGRATED LEARNING
PRODUCTS CERTMASTER
LEARN & CERTMASTER LABS**

Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Purchase CASP+ Here

[BUY NOW](#)



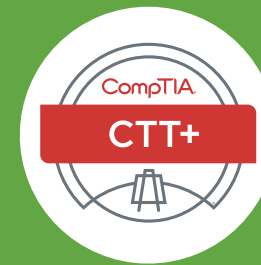
CASP+ occupies a strongly-needed niche. I feel that it’s one of the most important certifications that I hold.

Weylin Piegorsch
COMPUTER SCIENCES CORPORATION

CERTIFIED TECHNICAL TRAINER (CTT+) TK0-201 AND [TK0-202 OR TK0-203]



CompTIA Certified Technical Trainer (CTT+) certification is a cross-industry credential providing recognition that an instructor has attained a standard of excellence in the training industry. CTT+ is targeted toward all training professionals and can be applied to technical and non-technical training. The examinations are based on a set of objectives designed to measure the core knowledge and skills that competent instructors must demonstrate to successfully complete an instructional assignment in either a classroom or virtual classroom environment.



EXAM

TK0-201 and [TK0-202 or TK0-203]

RELEASE DATE

April 2019

LANGUAGE

English, Japanese, German, Portuguese and Spanish

CE REQUIRED?

6 to 12 months of trainer/instructor experience

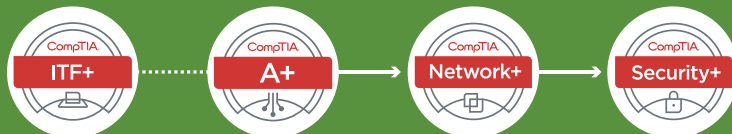
PURCHASE CTT+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.

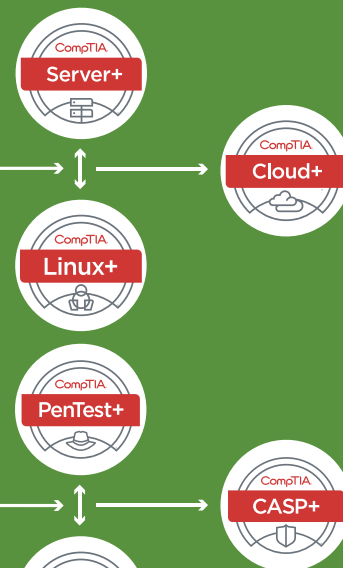
CORE SKILLS CERTIFICATIONS



PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY



About Professional Skills

CompTIA's professional skills certifications cover versatile skillsets that help take your career to the next level.



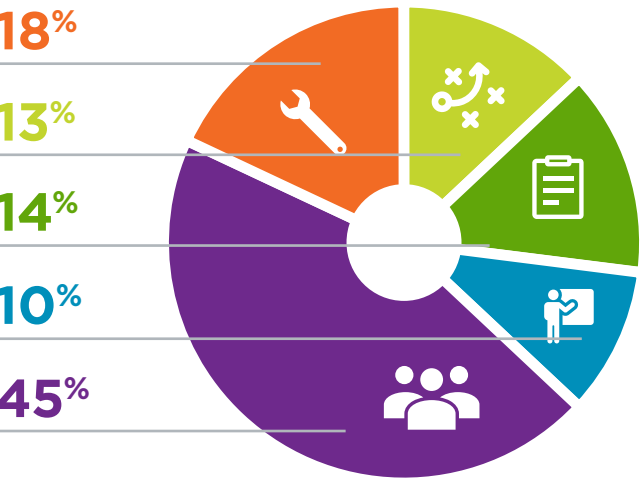
SKILLS & COMPETENCIES

-  [Evaluate the Training Event >](#)
-  [Planning Prior to the Course >](#)
-  [Methods and Media for Instructional Delivery >](#)
-  [Instructor Credibility and Communications >](#)
-  [Group Facilitation >](#)

VIEW EXAM OBJECTIVES

Jobs that use CTT+

- Training Consultant
- Training Developer/Instructor
- Career Technical Training Instructor
- Academic Instructor



Organizations that use CTT+

- Verizon
- Microsoft
- Adobe
- Cisco
- Network Solutions
- Dell

Exam Overview

The CTT+ certification exam tests in and out of class teaching expertise, including preparation, facilitation and physical or virtual classroom evaluation. To earn the certification, two exams must be passed. In addition to TKo-201, you'll have to pass either TKo-202, or TKo-203.

How to prepare for your CompTIA CTT+ traditional classroom submission (TKo-202)

How to prepare for your CompTIA CTT+ virtual classroom submission (TKo-202)

Purchase CTT+ Here

BUY NOW



CLOUD ESSENTIALS+



CompTIA Cloud Essentials+ is for both IT and non-technical professionals who require the essential business acumen needed to make informed cloud service decisions.



EXAM

CLO-002

RELEASE DATE

November 2019

LANGUAGE

English, Japanese

CE REQUIRED?

No

ACCREDITATION

ANSI/ISO 17024 Standard is followed in the exam development process, but the exam is not accredited.

PREREQUISITES

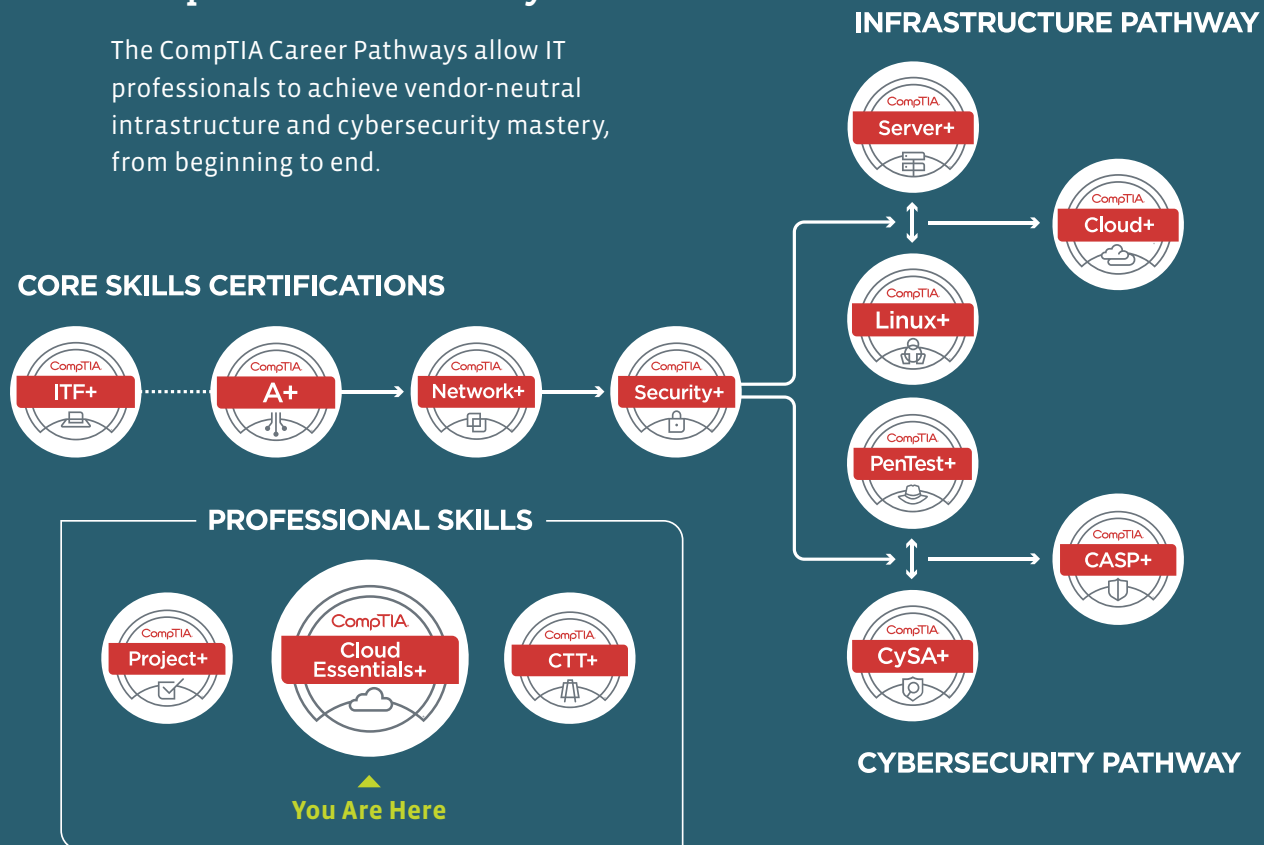
CompTIA recommends that students have at least 6-12 months' business analyst experience in an IT environment with exposure to cloud technologies.

PURCHASE CLOUD ESSENTIALS+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About Professional Skills

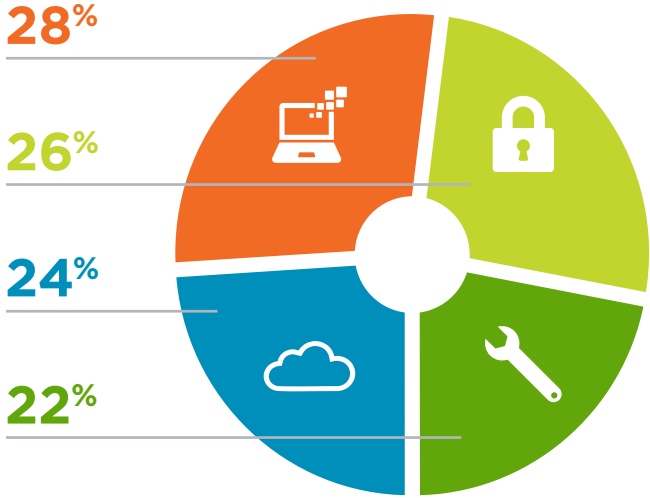
CompTIA's professional skills certifications cover versatile skillsets that help take your career to the next level.



SKILLS & COMPETENCIES

- [Business Principles of Cloud Environments >](#)
- [Management and Technical Operations >](#)
- [Cloud Concepts >](#)
- [Governance, Risk, Compliance and Security for the Cloud >](#)

VIEW EXAM OBJECTIVES



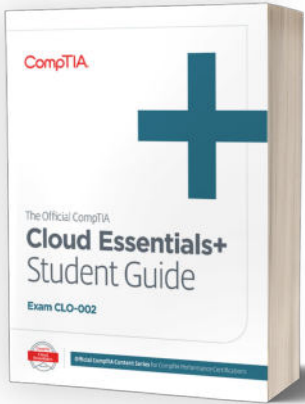
Top Cloud Essentials+ Job Roles

- Business Analysts
- Business Process Owners
- Sales and Marketing Staff (in cloud product or service management)
- Managed Service Providers Personnel
- New Data Center Staff
- Technical Support Staff

Organizations that Recommend Cloud Essentials+

- Konica Minolta
- U.S. Department of State
- Pareto Law

OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA Cloud Essentials+ Instructor and Student Guides (CLO-002) are developed exclusively by CompTIA with input from instructors across the world. Rigorously evaluated by third-party subject matter experts to validate adequate coverage of the Cloud Essentials+ CLO-002 exam objectives, these guides teach the essential skills and knowledge needed to make clear and conscious decisions about cloud technologies and their business impact, and prepare candidates to take the CompTIA Cloud Essentials+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  e-Learning
-  Exam Prep

PURCHASE CLOUD ESSENTIALS+ HERE

BUY NOW

Key Features & Benefits

- [Robust Assessment >](#)
- [Engaging Video Program Developed Exclusively for CompTIA >](#)
- [Integrate Active Learning >](#)
- [Refreshed Interior Design and Image Program >](#)
- [Alignment and Consistency Across Book and Assessment >](#)

Instructor Resources

- Course-specific delivery tips
- Facilitator notes
- Solutions to activities and discussions
- PowerPoint slides
- Presentation planners

Student Resources

- eBook
- Course files
- Videos
- Assessment
- PowerPoint slides
- Solutions to activities and discussions

How does CompTIA Cloud Essentials+ Compare?

Find out how CompTIA Cloud Essentials+ compares to the leading certification programs.

COMPARE COMPTIA CLOUD ESSENTIALS+



COURSE OVERVIEW

This course is for students who are preparing to take the CompTIA Cloud Essentials+ certification exam CLO-002.

This training path can lead to a techical career and empower professionals to make data-driven cloud recommendations by using key skills to evaluate business use cases, financial impacts, cloud technologies and deployment models.

Student Guide Lesson Overview

- 1 Understanding Cloud Computing Concepts
- 2 Applying Cloud Business Principles
- 3 Advising a Cloud Design and Migration
- 4 Operating in the Cloud
- 5 Managing Cloud Governance

VIEW COURSE OUTLINE



Exam Prep Option

CERTMASTER PRACTICE

CompTIA CertMaster Practice is an online knowledge assessment and remediation tool designed to help learners feel more confident and prepared for the CompTIA exam.

Purchase Cloud Essentials+ Here

BUY NOW



Certification refines your reasoning and your deductive ability when you're troubleshooting, so you're not just guessing.

Joshua Wragg
PRESIDENT, NEXUS TECH

PROJECT+ PK0-005



Project+ is ideal for professionals who need to manage smaller, less complex projects as part of their other job duties but still need foundational project management skills. Project+ is more versatile than other certifications because it covers essential project management concepts beyond the scope of just one methodology or framework.



EXAM

PK0-005

RELEASE DATE

November 2022

LANGUAGE

English and Japanese

CE REQUIRED?

No

EXAM STANDARD

Project+ is developed using the ANSI/ISO 17024 Standard.

PREREQUISITES

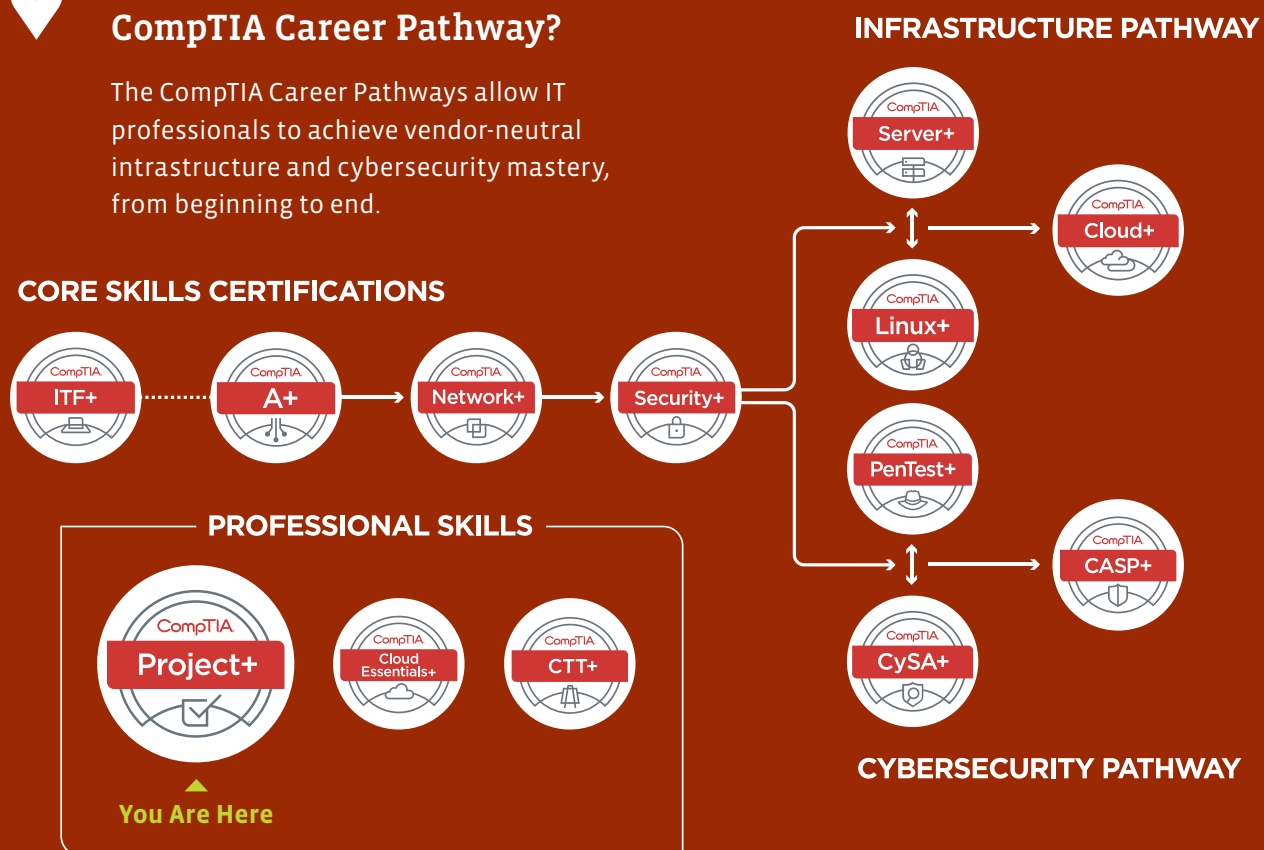
No prerequisite, but at least 6–12 months of hands-on experience managing projects in an IT environment.

PURCHASE PROJECT+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About Professional Skills

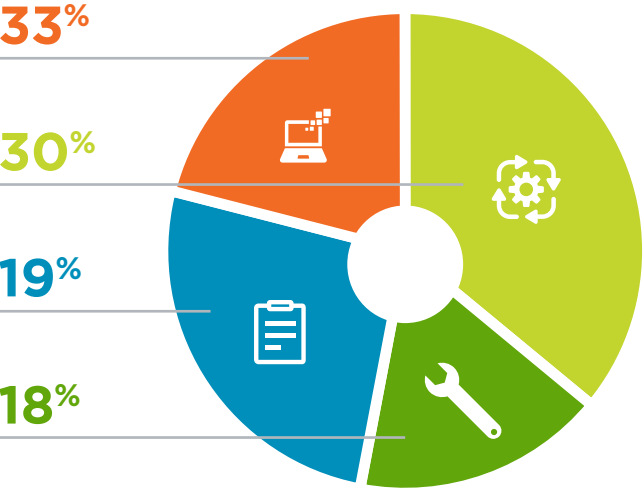
CompTIA's professional skills certifications cover versatile skillsets that help take your career to the next level.



SKILLS & COMPETENCIES

-  [Project Management Concepts >](#)
-  [Project Life Cycle Phases >](#)
-  [Tools and Documentation >](#)
-  [Basics of IT and Governance >](#)

VIEW EXAM OBJECTIVES



Title: Project+ Job Roles

- Primary job roles:
- Junior IT project manager
 - Project coordinator
- Related job roles that use Project+ skills:
- SCRUM masters
 - Level II help desk technicians
 - Development leads
 - Product owners
 - Associate / business analysts
 - QA leads
 - Project control analysts (PMO team members)

Organizations that contributed to the development of Project+ PKO-005

- Western Governors University
- Fayetteville College
- GDIT
- John Hopkin Applied Physics Lab
- Dell
- Fuji Xerox
- HP
- U.S. Army
- U.S. Navy
- Microsof

How does CompTIA Project+ Compare?

Find out how CompTIA Project+ compares to the leading certification programs.

COMPARE COMPTIA PROJECT+

OFFICIAL LEARNING RESOURCES

Overview

The Official CompTIA Project+ Guides (Exam PKO-004). Students will learn to recognize practices of project management and understand a project’s life cycle, roles, and skills necessary to effectively initiate, plan, execute, monitor, control and close a project. It provides full coverage of the objectives for the CompTIA Project+ certification and will help prepare students to take the exam.



AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

PURCHASE PROJECT+ HERE

BUY NOW

Key Features & Benefits

-  [Focused on Job Roles and Objectives >](#)
-  [Integrate Active Learning >](#)
-  [Designed and Tested Specifically for Instructor-Led Training >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)

Instructor Resources

- Course-specific delivery tips
- Facilitator notes
- Solutions to activities and discussions
- PowerPoint slides
- Presentation planners

Student Resources

- eBook
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- Assessment
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- Solutions to activities and discussions



COURSE OVERVIEW

This course is for students who are preparing to take the CompTIA Project+ certification exam PK0-004. This course is designed for individuals in various job roles who have a basic knowledge of project management, and who participate in small to medium scale projects.



INTEGRATED LEARNING PRODUCTS CERTMASTER LEARN & CERTMASTER LABS

Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.



The person with the certification is the one who is going to get hired.

Robert Blanchard
DIRECTOR OF SUPPORT SERVICES,
ASPEN SKIING CO.

Purchase Project+ Here

BUY NOW



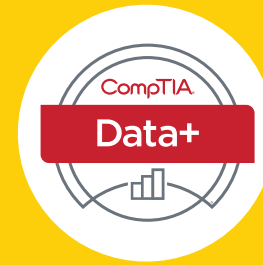
Student Guide Lesson Overview

- 1 Defining Project Management Fundamentals
- 2 Initiating the Project
- 3 Planning the Project
- 4 Preparing to Develop the Project Schedule
- 5 Developing the Project Schedule
- 6 Planning Project Costs
- 7 Planning Human Resources and Quality Management
- 8 Communicating During the Project
- 9 Planning for Risk
- 10 Planning Project Procurements
- 11 Planning for Change and Transitions
- 12 Executing the Project
- 13 Executing the Procurement Plan
- 14 Monitoring and Controlling Project Performance
- 15 Monitoring and Controlling Project Constraints
- 16 Monitoring and Controlling Project Risks
- 17 Monitoring and Controlling Procurements
- 18 Closing the Project

VIEW COURSE OUTLINE

DATA+ DAO-001

CompTIA Data+ is an early-career data analytics certification for professionals tasked with developing and promoting data-driven business decision-making.



EXAM

DA0-001

RELEASE DATE

February 2022

LANGUAGE

English, Japanese

CE REQUIRED?

Yes

PREREQUISITES

8-24 months of experience in a report/business analyst role.

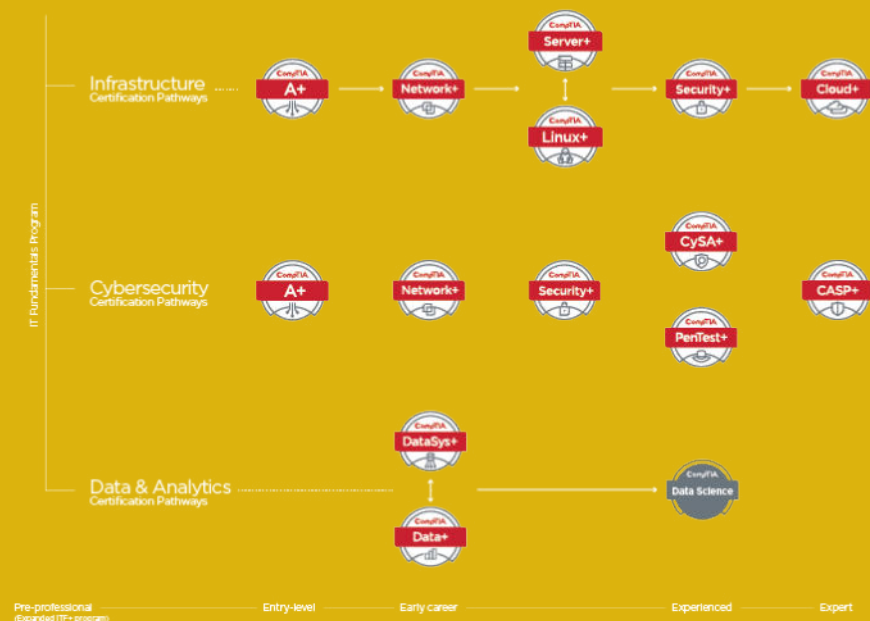
PURCHASE DATA+ HERE

[BUY NOW](#)



Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About Core Skills Certifications

CompTIA's core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.



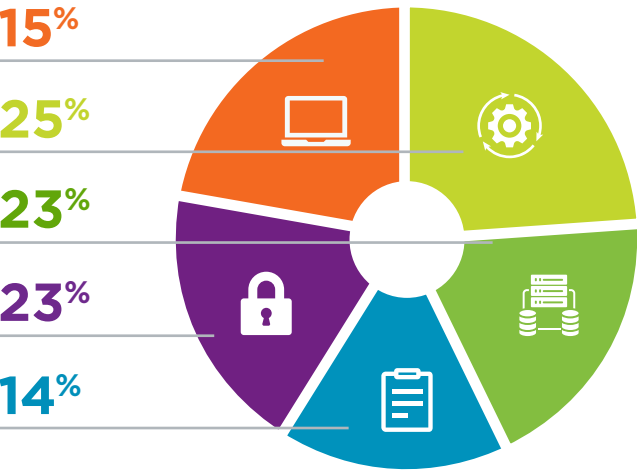
SKILLS & COMPETENCIES

-  [Project Management Concepts >](#)
-  [Data Mining >](#)
-  [Data Analysis >](#)
-  [Visualization >](#)
-  [Data Governance, Quality, & Controls >](#)

[VIEW EXAM OBJECTIVES](#)

Top Data+ Job Roles

- Data Analyst
- Business Intelligence Analyst
- Reporting Analyst
- Marketing Analyst
- Clinical Analyst
- Business Data Analyst
- Operations Analyst



Organizations that contributed to the development of Data+

- University of Maryland Global Campus
- Discover Financial Services
- Rogers Communications
- PayPal
- Woz U
- CDW
- Sears Home Services
- Cars.com
- SunSource
- Molina Healthcare

OFFICIAL LEARNING RESOURCES

Overview

The Official CompTIA Data+ Instructor and Student Guides (DA0-001) have been developed by CompTIA for the CompTIA Data+ candidate. Rigorously evaluated to validate coverage of the CompTIA Data+ (DA0-001) exam objectives, The Official CompTIA Data+ Instructor and Student Guides teaches learners the knowledge and skills required to transform business requirements in support of data-driven decisions by mining data, manipulating data, applying basic statistical methods, and analyzing complex data sets while adhering to governance and quality standards throughout the entire data lifecycle. In addition, it will help prepare candidates to take the CompTIA Data+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

PURCHASE DATA+ HERE

[BUY NOW](#)

Key Features & Benefits

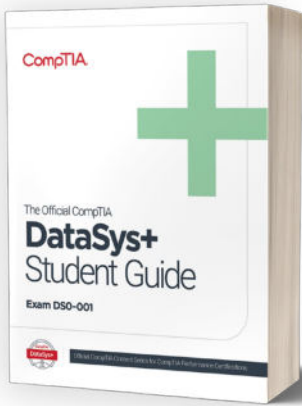
-  [Robust Assessment >](#)
-  [Reorganization Lessons >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA >](#)
-  [Refreshed Interior Design and Image Program >](#)

Instructor Resources

- Course-specific delivery tips
- Facilitator notes
- Solutions to activities and discussions
- PowerPoint slides
- Presentation planners

Student Resources

- eBook
- Course files
- Videos
- Assessment
- PowerPoint slides
- Solutions to activities and discussions



How does CompTIA Data+ Compare?

Find out how CompTIA Data+ compares to other industry certification programs.

[COMPARE COMPTIA DATA+](#)

COURSE OVERVIEW

CompTIA Data+ gives your team members the confidence to bring data analysis to life. As the importance for data analytics grows, more job roles are required to set context and better communicate vital business intelligence. Collecting, analyzing, and reporting on data can drive your organization’s priorities and lead business decision-making.

CompTIA Data+ validates your team members have the skills required to facilitate data-driven business decisions, including:

- Mining data
- Manipulating data
- Visualizing and reporting data
- Applying basic statistical methods
- Analyzing complex datasets while adhering to governance and quality standards throughout the entire data life cycle

Student Guide Lesson Overview

- 1 Identifying Basic Concepts of Data Schemas
- 2 Understanding Different Data Systems
- 3 Understanding Types and Characteristics of Data
- 4 Comparing and Contrasting Different Data Structures, Formats, and Markup Languages
- 5 Explaining Data Integration and Collection Methods
- 6 Identifying Common Reasons for Cleansing and Profiling Data
- 7 Executing Different Data Manipulation Techniques
- 8 Explaining Common Techniques for Data Manipulation and Optimization
- 9 Applying Descriptive Statistical Methods
- 10 Describing Key Analysis Techniques
- 11 Understanding the Use of Different Statistical Methods
- 12 Using the Appropriate Type of Visualization
- 13 Expressing Business Requirements in a Report Format
- 14 Designing Components for Reports and Dashboards
- 15 Distinguishing Different Report Types
- 16 Summarizing the Importance of Data Governance
- 17 Applying Quality Control to Data
- 18 Explaining Master Data Management Concepts

[VIEW COURSE OUTLINE](#)



**INTEGRATED LEARNING
PRODUCTS CERTMASTER
LEARN & CERTMASTER LABS**

Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Purchase Data+ Here

[BUY NOW](#)

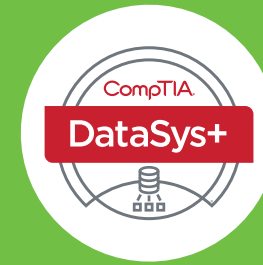


The tools are continually changing, and this [Data+] was a great way to keep up with tips and tricks and all the new features that can help you do your work better and faster.

Asia Rios
DELL

DATASYS+ DSO-001

The CompTIA DataSys+ exam sets a unified standard of skills for the successful management and securing of data assets. It covers what database administrators need to deploy, manage, and maintain systems, as well as securing those systems and data assets.



EXAM

DSO-001

RELEASE DATE

July 2023

LANGUAGE

English

CE REQUIRED?

Yes

PREREQUISITES

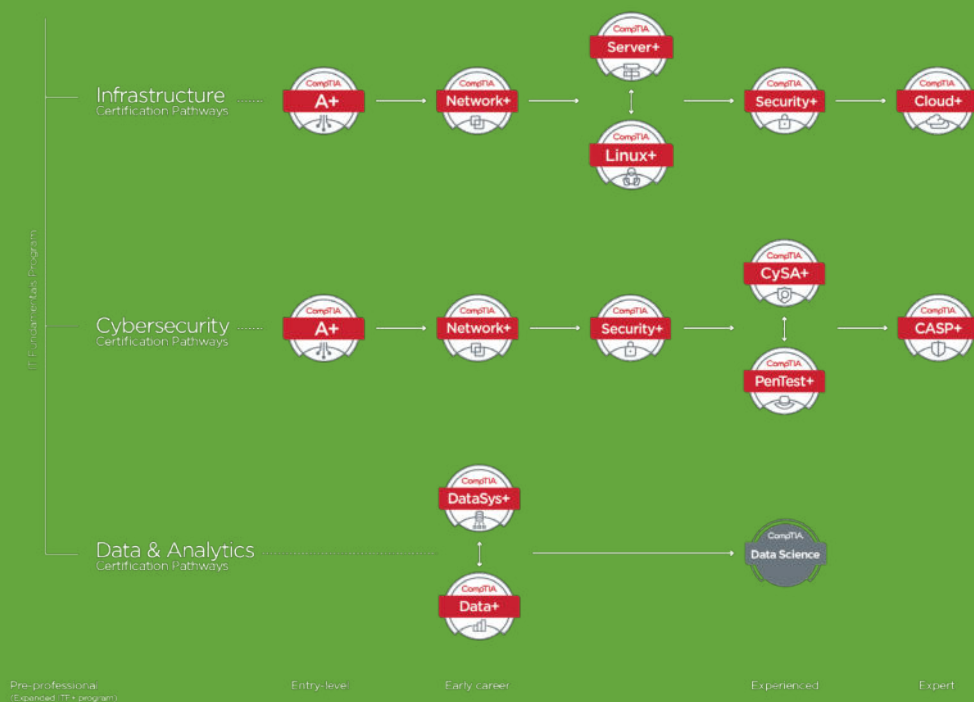
2–3 years of hands-on experience
as a database administrator

PURCHASE DATASYS+ HERE

[BUY NOW](#)

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral infrastructure and cybersecurity mastery, from beginning to end.



About Core Skills Certifications

CompTIA's core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.



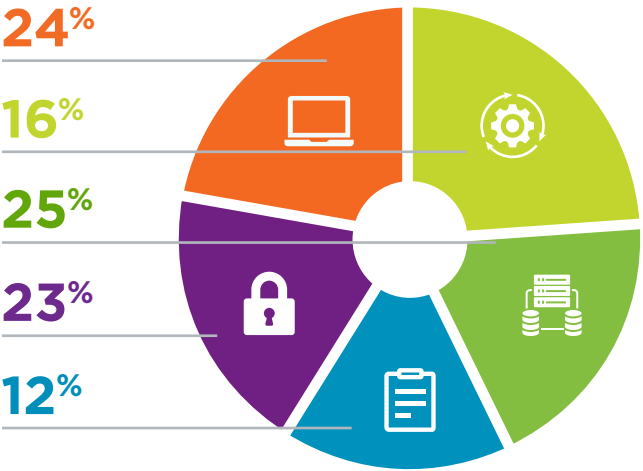
SKILLS & COMPETENCIES

-  Database Fundamentals
-  Database Deployment
-  Database Management and Maintenance
-  Data and Database Security
-  Business Continuity

VIEW EXAM OBJECTIVES

Top DataSys+ Job Roles

- Sr. Database Administrator
- System Database Administrator
- Task-Oriented Database Administrator
- Application Database Administrator
- Cloud Database Administrator
- Performance Database Administrator
- Database Manager
- SQL Database Administrator
- Salesforce Database Administrator



Organizations that contributed to the development of DataSys+

- BlueOwl LLC
- Cisco Systems Inc
- City of Alexandria
- Uganda Registrations Services Bureau
- University Of Utah
- IBM
- Pom Analytics, Inc.
- CriticalRiver
- EITZAC LLC
- TAPFIN

OFFICIAL LEARNING RESOURCES

Overview

The Official CompTIA DataSys+ Instructor and Student Guides (DSO-001) have been developed by CompTIA for the CompTIA DataSys+ candidate. Rigorously evaluated to validate coverage of the CompTIA DataSys+ (DSO-001) exam objectives, The Official CompTIA DataSys+ Instructor and Student Guides teach the knowledge and skills to understand the fundamentals of data systems; design and deploy databases; successfully maintain and optimize databases; secure data and databases; plan for disasters to ensure business continuity; and prepare candidates to take the CompTIA DataSys+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

-  Books
-  Labs
-  e-Learning
-  Exam Prep
-  Bundle Pricing

PURCHASE DATASYS+ HERE

BUY NOW

Key Features & Benefits

-  Robust Assessment >
-  Reorganization Lessons >
-  Alignment and Consistency Across Book and Assessment >

-  Engaging Video Program Developed Exclusively for CompTIA >
-  Refreshed Interior Design and Image Program >

Instructor Resources

Course-specific delivery tips

Facilitator notes

Solutions to activities and discussions

PowerPoint slides

Presentation planners

Student Resources

eBook

Course files

Videos

Assessment

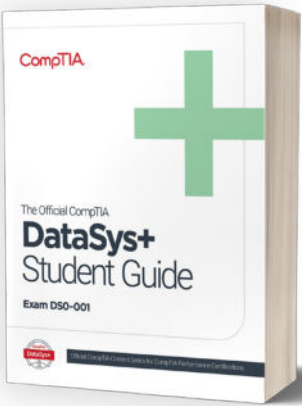
PowerPoint slides

Solutions to activities and discussions

How does DataSys+ Compare?

Find out how CompTIA DataSys+ compares to other industry certification programs.

COMPARE COMPARE DATASYS+



COURSE OVERVIEW

The CompTIA DataSys+ (DSO-001) certification exam is vendor neutral and covers what database administrators need to deploy, manage, and maintain systems, including employing the fundamentals of scripting and programming in a database environment while using security and business continuity best-practices.

The CompTIA DataSys+ exam prepares learners to:

- Gain a solid understanding of database structure types and the ability to develop, modify and run code, providing the groundwork for database administrators to gather, store, and drive data assets.
- Compare and contrast the various aspects of database planning and design and explain the various phases of the implementation, testing, and deployment of collected data. Database Management and Maintenance.
- Understand the purpose of monitoring and reporting database performance, explain common database maintenance processes, and produce critical documentation.
- Secure databases, protect against attacks, and control authorization while ensuring governance and regulatory compliance.
- Prepare for and recover from incidents by implementing best practices for backup and restoration of data.

Student Guide Lesson Overview

- 1 Understanding Database Types and Structures
- 2 Recognizing Standards and Commands
- 3 Running Scripts for Data and Data Systems
- 4 Explaining the Impact of Programming on Database Operations
- 5 Understanding Database Planning and Design
- 6 Implementing, Testing, and Deploying Databases
- 7 Monitoring and Reporting on Database Performance
- 8 Understanding Common Data Maintenance Processes
- 9 Understanding Governance and Regulatory Compliance
- 10 Securing Data
- 11 Securing Data Access
- 12 Classifying Types of Attacks
- 13 Planning for Disaster Recovery
- 14 Implementing Backup and Restore Best Practices



**INTEGRATED LEARNING
PRODUCTS CERTMASTER
LEARN & CERTMASTER LABS**

Learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Purchase DataSys+ Here

BUY NOW





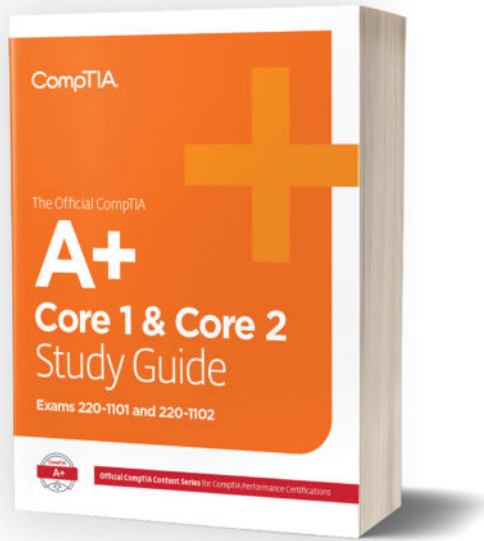
[VIEW COURSE OUTLINE](#)

OFFICIAL COMPTIA BOOKS/EBOOKS >

The Official CompTIA Instructor and Student Guides are **the only authorized book/eBook resources** developed exclusively by CompTIA with input from instructors around the world.

Rigorously evaluated, CompTIA employs trusted third-party subject matter experts to review and validate that our content helps students be more successful and adequately prepare for CompTIA certification exams.

Complete library, available at exam release, CompTIA is deeply committed to providing training to support all our certification exams to ensure student success. Courseware and content will be released the same day as exam release.



AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES:

We have both Print and eBook versions of our Instructor and Student Guides available for Instructor-Led Training Courses. Every purchase of a book or eBook comes with access to additional support materials on the CompTIA Learning Center platform.

- The Official CompTIA Instructor Guide
- The Official CompTIA Student Guide
- CompTIA Learning Center
- Digital Learning Platform – included with purchase of print and eBook

Key Features and Benefits



Comprehensive instructional tools

- Robust Instructor Guide with helpful tips, best practices, and solutions in the margin
- Presentation Planners and schedules for different course lengths and formats
- Editable PowerPoint slides with images to facilitate instruction
- Class-tested with real instructors before publication



Focused on job roles and 100% coverage of objectives

- Practical, based on real performance scenarios and problems
- Hands-on activities require students to put knowledge they have gained into practice
- Most current and up-to-date content related to the exam



Flexible and customizable based on course format

- Designed to be effective whether course is co-located or remote, synchronous or asynchronous, continuous or segmented
- Class resources are easily accessed and can be configured based on modality
- Intuitive digital multiplatform enhances classroom experience and provides support beyond
- One-stop-shop for eBook, instructor files, videos, assessments and labs

Enhanced Learning Resources

The Official CompTIA Instructor and Student Guides include the accompanying resources:

Instructor Resources	Student Resources
• Course-specific delivery to deliver the course successfully • Facilitator notes • Solutions to activities and discussions • PowerPoint slides • Presentation Planners to plan courses based on different lengths • Transition Guides: Not available for all certifications	• eBook with secure downloadable versions • Videos developed exclusively for CompTIA • Assessment practice questions for each lessons as well as a final assessment • Solutions to activities and discussions

CompTIA Learning Center

The CompTIA Learning Center is an intuitive online platform, included with the purchase of an Instructor or Student Guide, that provides access to the eBook and all accompanying resources to support Instructor-Led Training and the Official CompTIA curriculum.

The CompTIA Learning Center supports classroom instruction with a full suite of resources for instructors and students. The new digital platform is thoughtfully designed with updated features to meet the needs of the instructor and enhance the learning experience.

Key Features:

ENHANCED PRACTICE QUESTIONS AND CONFIDENCE MEASURE

Comprehensive assessments with immediate feedback, as well as a self-evaluation of confidence, allow learners to check their understanding and gain the self-assurance needed for the exam.

MOBILE ACCESS

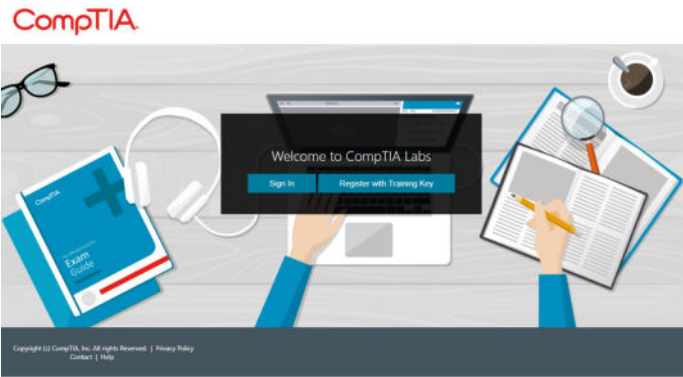
Learners can access the eBook on a mobile device using the CompTIA Learning Centers eReader app, providing them with flexibility and anytime/anywhere access.

How do I contact support?

+44 330 223 6934, +234 812 220 2650, +44 7307 436 652
info@generiss.academy
www.generiss.academy

OFFICIAL COMPTIA LABS >

CompTIA provides three Instructor-Led lab options to help learners gain experience with practical tasks that will be expected of them in a job and on the performance-based items found on the CompTIA certification exams.



ACCESS IS GOOD FOR 12 MONTHS

Labs in the Classroom Classroom Lab Guide	Virtual Labs in the Classroom CompTIA Labs	
Classroom Lab Guide provides step-by-step instructions from CompTIA for an instructor to set up and run labs on their own equipment. The set-up guide is included as part of the ILT Instructor Guide resources. - Files to complete the exercises are available as a resource on the CompTIA Learning Center. - Included FREE with the purchase of Official CompTIA Content - Lab exercises are mapped to official CompTIA Content	CompTIA Labs for Instructor-Led Training provides learners 12 months’ access to real equipment and software environments through a web browser. The virtual lab environment is accessed through the CompTIA platform. - Lab exercises are developed alongside of Official CompTIA Content and integrated within the text - CompTIA Labs utilize the Skillable platform - Purchased as a stand-alone product	CompTIA Labs Instructor-Led Training, with instructor facilitation tools, provides learners with 12 months’ access to real equipment through a web browser. The instructor has facilitation tools which enable real-time monitoring of the classroom and learner’s work. - Lab exercises are developed alongside of Official CompTIA Content and integrated within the text - Instructor manages course set up - An enterprise purchase, based on the number of student licenses needed

CompTIA Labs- Traditional lab product aligns with the Official CompTIA Student Guides and is designed to work together with CertMaster Learn.

Which products are currently available?

CompTIA Labs are currently available for the following CompTIA courses:



**IT Fundamentals
(ITF+) FCO-U61 FCO-U61**

Key Features



Browser-based

The labs are accessed with a browser and internet connection, making the setup process easy and enabling remote students to use the materials without having to secure any special equipment or software.



Use Real Equipment and Software

The labs use virtual machines configured with actual software applications and operating systems, allowing for flexibility in approaching the lab tasks and replicating the experience learners will encounter in a job role.



Instructor Facilitation Tools (Optional)

Labs with instructor facilitation tools provide opportunities to oversee learners progress and take action in real time. Watch learners advance in their labs through the Lab Monitoring tool, and easily upload and distribute files with Manage File functionality.



Modular

The labs within each course are independent of each other and can be used in any order.



Designed for Skills Development

Labs help learners gain experience with the practical tasks expected of them in a job role and on the performance-based items found on CompTIA certification exams.



Aligned with Official CompTIA Content

Labs are based on the activities within the Official CompTIA Student Guides, providing a consistent and seamless experience for students to both gain knowledge and practice skills.

Instructor-Led Training Environments

CompTIA Labs can be setup with reporting and lab monitoring.

Are the labs graded?

The labs are not graded- they are completion based and students mark the labs complete.

View the product demo

Visit our product tour at: [CompTIA Labs Demo](#) or contact a CompTIA business development representative.

OFFICIAL CERTMASTER LABS >

CompTIA CertMaster Labs enable hands-on practice and skills development using real equipment and software accessed through a remote, browser-based lab environment. CompTIA provides three delivery methods for implementing instructor-led labs in the classroom.



ACCESS IS GOOD FOR 12 MONTHS

Virtual Labs Standalone	Virtual Labs with Instructor Facilitation Tools	Virtual Labs Integrated with eLearning
Virtual hosted Labs provide learners: • 12 months access to real equipment through a virtual lab environment using a web browser • Lab exercises are designed to be used in combination with CertMaster Learn or Student Guides • Hosted by Learn on Demand Systems • Labs are modular and can be completed in any order • Purchased as a stand-alone product	Virtual hosted Labs with Instructor Facilitation Tools provide learners: • 12 months access to real equipment through a virtual lab environment using a web browser • The instructor has facilitation tools, enable real-time monitoring of the classroom and learner's work through the Training Management System (TMS) • Instructors can view student performance through the Training Management System on the Learn on Demand Systems platform • Lab exercises are designed to be used in combination with • CertMaster Learn or Student Guides • Labs are modular and can be completed in any order • Instructor manages course set-up • Organizations are billed by usage	Virtual hosted Labs Integrated with eLearning provides learners: • 12 months access to real equipment through a virtual lab environment using a web browser • Labs are accessed through the eLearning platform as a single login providing a seamless experience • Lab exercises are integrated as Study Tasks in the course • Labs are modular and can be completed in any order • Instructors can view student and group lab scores through CertMaster Learn Boost Dashboard

CertMaster Labs – Delivering both low-stakes, assisted labs and high-stakes, applied labs. Labs are gradable and provide insights into student performance on the Boost Dashboard when seamlessly integrated with CertMaster Learn.

Which products are currently available?

CertMaster Labs will be available for certifications as new versions launch.

Project+
PK0-005

Linux+
XK0-005

CySA+
CS0-003

DataSys+
DS0-001

Security+
SY0-701

Server+
SK0-005

Cloud+
CV0-003

Network+
N10-008

PenTest+
PT0-002

CASP+
CAS-004

Data+
DAO-001

A+
A+ Core 1 220-1101
A+ Core 2 220-1102

Key Features



Easily Implemented in Classroom Environments

The labs are modular (not dependent on each other) and can be completed in any order. Additionally, learners can save their work in the labs for 48 hours. This flexibility along with the short durations of 10-30 minutes allow for labs to be easily integrated in coursework.



Integrated with CertMaster Learn

When purchased together in a bundle, CertMaster Labs are integrated as Study Tasks within the CertMaster Learn Learning Plan. As a result, learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.



Designed for Skills Development

CertMaster Labs help learners gain experience with the practical tasks that will be expected of them in a job role and on the performance-based items found on CompTIA certification exams. Labs can be completed multiple times to give learners the opportunity to build on their skills with each attempt.



Browser-based

CertMaster Labs are developed and authored by CompTIA. The labs require only a modern browser and reliable internet connection, enabling learners and organizations to use the materials without having to secure any special equipment or software.



Use Real Equipment and Software

The labs use virtual machines configured with actual software applications and operating systems allowing for flexibility in approaching the lab tasks and replicating the experience learners will encounter in a job role.



Instructor Facilitation Tools

Institutions can take advantage of (optional) classroom tools within the labs platform to manage classes, instructors and students, monitor lab activity, and share files. Contact your CompTIA Business Development Manager for more information.



Grable Assessments

All lab activities within the CertMaster Labs include gradable assessments, offer feedback and hints, and provide a score based on learner inputs, providing an accurate assessment of a learners ability to correctly and efficiently perform tasks

Graded Labs

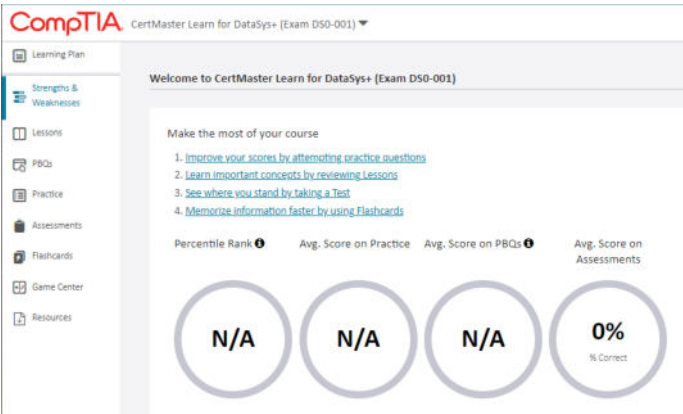
There are two types of labs in the course:

- **Assisted Labs** guide the learner step-by-step through tasks, offering assessment and feedback throughout a 10-15 minute experience, allowing the learner to correct any misunderstandings as they proceed through the activity.
- **Applied Labs** present a series of goal-oriented scenarios in a 20-30 minute experience covering multiple topics, scoring the learner's work at the end of the activity based on their ability to successfully complete each scenario. As a result, learners are forced to think critically about how to approach problems without a prescribed set of steps.

OFFICIAL COMPTIA E-LEARNING >

CompTIA CertMaster Learn is an eLearning courseware solution that helps learners gain the knowledge and practical skills needed to improve performance and achieve success.

Instructional lessons within CompTIA CertMaster Learn for Instructor-led Training are fully scoped, sequenced, and aligned with CompTIA exam objectives, which makes course planning easy. Learning resources include videos, practice questions, and performance-based questions providing a variety of interactive content to engage all learning styles.



Enhanced Learning Resources:

- Videos embedded within lessons complement the instructional content by demonstrating key concepts and tasks in the course.
- Flashcards provide opportunities for learners to quiz themselves on terminology and acronyms used in IT.
- Gamification features such as achievement badges and a game center, encourage and motivate learners to engage with the content and accomplish study goals.
- PowerPoint slides covering all topics in the course.
- Course Map details where the CompTIA exam objectives are covered in CertMaster Learn.

Which products are currently available?

CertMaster Learn is currently available for the following CompTIA courses:

 IT Fundamentals (ITF+) FCO-U61	 Data+ DAO-001	 Network+ N10-008	 PenTest+ PTO-002
 A+ Core 1 220-1101 A+ Core 2 220-1102	 Cloud+ CVO-003	 Linux+ XKO-005	 Server+ SKO-005
 Security+ SYO-701	 CySA+ CSO-003	 Cloud Essentials+ CLO-002	 CASP+ CAS-004
 Project+ PKO-005	 DataSys+ DSO-001		

Key Features



Lessons

Each Lesson includes a variety of learning activities, including narrative instructional content, embedded videos, review and lab activities, multiple-choice practice questions, and a paired performance-based question. Topics are designed to support a 15-30 minute presentation on a job task linked to exam objectives ensuring learners aren't overwhelmed by the volume of content.



Learning Plans

Content is organized in a prescribed Learning Plan based on the course completion date. The Learning Plan presents digestible study tasks keeping learners focused and on track with their study goals, drastically reducing time spent lesson planning.



Practice Questions and a Final Assessment

Learners test their knowledge of key concepts through multiple choice practice questions with extensive feedback. A final assessment in a similar format to the CompTIA certification exam (generally 90 minutes and 90 questions) is designed to help the learner synthesize course content.



Performance-based Questions (PBQs)

Each lesson is accompanied by an interactive performance-based question that requires learners to apply what they have learned to a practical scenario. PBQs prepare for the types of performance-based items found on the CompTIA exam.



Strengths and Weaknesses Dashboard

Shows learners what they understand and what they are weak on to increase learning efficiency.



Mobile

Learners can access CertMaster Learn on a mobile browser wherever an internet connection is available. While all content can be accessed on a mobile device, the presentation of performance-based questions is optimized on larger screens.

The New Incentive Bundles

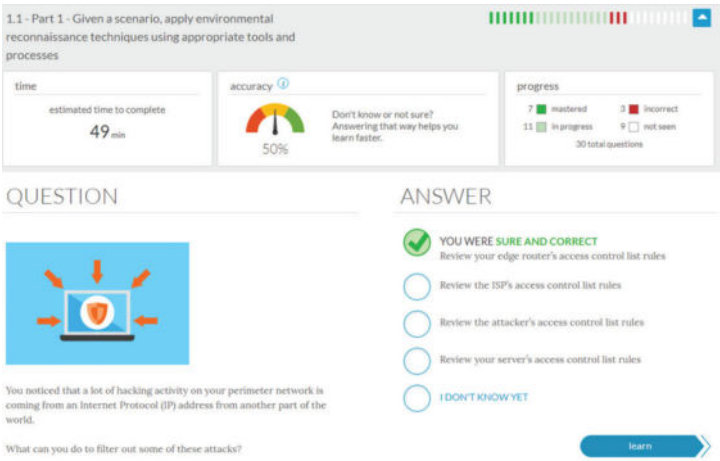
Designed as a combination of Official CompTIA eLearning, exam prep and vouchers to deliver the best value for our partners. Bundles are available for purchase from the [CompTIA Store](#) after signing in with your partner identification.

View the product demo

Visit our product tour at: [CompTIA CertMaster Learn Demo](#) or contact a CompTIA business development representative.

OFFICIAL COMPTIA EXAM PREP >

CertMaster Practice is an adaptive knowledge assessment tool that uses a question-first approach to determine what a learner has already mastered and what they still need to learn. CertMaster Practice improves confidence and increases knowledge retention, preparing learners for a CompTIA certification exam. CertMaster Practice is designed for exam preparation. It's ideal for those working in the field with a basic understanding of the content from experience, or for learners who utilized some other training method and require a refresher with the CompTIA exam objectives prior to the exam.



What makes CertMaster Practice different?

- For exam takers, by the exam publisher – CertMaster products have been developed using Official CompTIA Content, the only study material exclusively developed by CompTIA for the CompTIA certification candidate.
- Question-first design, real-time learning analytics, and content refreshers- CertMaster Practice quickly assesses a learner's base of knowledge and then focuses on filling gaps with personalized remediation and feedback.
- By helping learners focus on their weak areas- CertMaster Practice builds their confidence and ensures mastery for success on the exam and long-term retention of the material as they progress through their careers.

Which products are currently available?

CertMaster Practice is currently available for the following CompTIA courses:

 IT Fundamentals (ITF+) FCO-U61	 Cloud+ CVO-003	 Linux+ XKO-005	 Cloud Essentials+ CLO-002
 A+ Core 1 220-1101 A+ Core 2 220-1102	 PenTest+ PTO-002	 Server+ SKO-005	 Data+ DAO-001
 Network+ N10-008	 CySA+ CSO-003	 CASP+ CAS-004	 Security+ SYO-701
 Project+ PKO-005	 DataSys+ DSO-001		

Key Features



Adaptive Question-Based Approach

Acts as a diagnostic to determine knowledge gaps and focuses learners' attention on where they need remediation prior to the certification exam.



Personalized Remediation and Feedback

Provides feedback on exam objective deficiencies, builds knowledge and keeps learners engaged.



Real-time Learning Analytics

Visual dashboards display progress, helping learners work towards the ultimate goal of being correct with a high level of confidence.



Timed Practice Test with Integrated Performance-based Questions

Helps learners assess their readiness and prepare for the exam-taking environment. (Available for some products).



Instructor-Led Training Environments

CertMaster Practice is available for classroom instruction with reporting capabilities.

Request a product demo

To request a product demo, please contact your CompTIA business development representative.

TAKE AN EXAM ONLINE >

Take an exam online, anytime, anywhere!

Online testing, powered by Pearson OnVUE, is a remote exam proctoring service that provides a secure and easy way to complete the CompTIA certification exam from any place in which a private area is available.

The 4 steps your learners will need to follow to take an exam online:

Step 1

Review testing policies and procedures.

Before taking a CompTIA exam, all certification candidates will be prompted to agree with the CompTIA Candidate Agreement. Failure to accept the agreement results in the forfeiture of your exam fee. There are also policies and procedures specific to online testing, including those related to system requirements, your exam workspace, and testing for candidates under 17 years of age.

Please be sure to review them here:

- CompTIA Testing Policies
- CompTIA Candidate Agreement
- Pearson OnVUE Testing Policies

Step 3

If you don't already have one, create a Pearson VUE testing account.

Be sure you use an active, valid email address when you create an account. Important information about your exam results and certification status will be sent to the address you use to create your testing account.

Step 2

Run a system test using the same computer and network that you will use to take your exam.

The system test will take 5 to 10 minutes to complete. You will be prompted to take photos of yourself and your exam workspace. To prepare your exam workspace move all books and writing objects out of arm's reach, unplug additional monitors and computers, and clear your walls of any writing (e.g., on whiteboards). You will also need an ID and phone (which must be set out of arm's reach after check-in.)

To avoid delays and added stress during your testing appointment, complete the system test prior to the start of your exam appointment.

Step 4

Schedule and complete your online exam.

Verify that you can satisfy all computer, internet connection, and workspace requirements before scheduling your exam. Return to the OnVUE page and sign-in. Follow the on-screen prompts to schedule your exam.

OnVUE Remote Testing:

Any screenshots, including a screenshot of final test results, will void the test!

Please advise your students that the act of taking any screenshot in the Pearson OnVUE test platform, even after the test is completed, will invalidate the exam.

After Your Exam

Your exam score will be shown on your screen immediately after you've completed your exam. If you've passed the exam, you will receive a congratulatory email from CompTIA Certmetrics with instructions on how to access your record.

It is important you keep records of the following:

- Your score report with your exam registration number and instructions on how to access your record
- The email address that you used to register for your exam

This information is required to log in to your certification account and is also needed should you require future assistance with your certification record.

If you haven't passed your exam, don't give up! It's not the end of your certification path, and you can take your exam again.

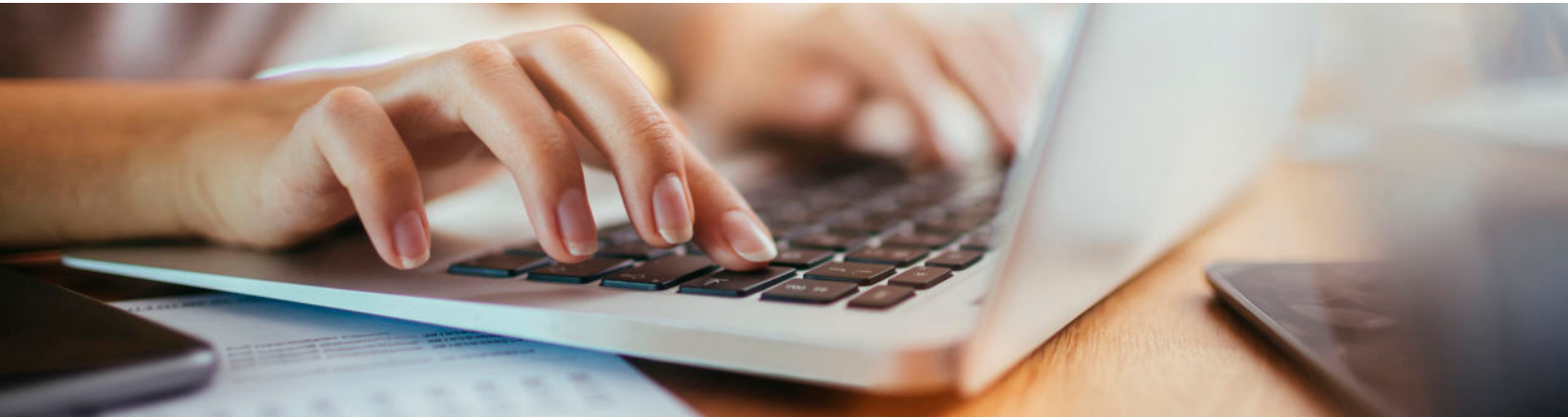


Online test proctors communicate only in English and OnVUE testing software is English-based. Additionally, CompTIA's full suite of translated exams are available in those countries that participate in online testing.

Online testing is not available in:

- | | | |
|---------|---------------|------------|
| • China | • Japan | • Slovenia |
| • Cuba | • North Korea | • Sudan |
| • Iran | • South Korea | • Syria |

Other exclusions include any site licenses.



TESTOUT LABSIM COURSEWARE

Since its inception in 1991, LabSim has evolved into a premier IT learning platform, seamlessly integrating instructional videos, expert demonstrations, text lessons, and practice exams with our cutting-edge simulations. This comprehensive platform immerses learners in real-world scenarios, enabling them to apply and hone their newly acquired skills. LabSim offers a safe and secure environment for hands-on experience before transitioning to live equipment and networks. Beyond just knowledge acquisition, it serves as an effective tool for certification preparation and employment readiness.

LabSim Differentiators

- Interactive Simulations save setup time, add flexibility to classroom setup, and don't require a click-path.
- Meaning they can interact with it like a live feature but not run the risk of causing issues or safety concerns.
- Accessible via Chromebook, Mac or PC
- Comprehensive resource - includes everything learners need from instructional videos, labs, exams, and certification practice test.

Which products are currently available?

For more information on the TestOut courseware catalog visit w3.testout.com/courseware-catalog or contact us at help.CompTIA.org with questions, or to request a demo.

Key Features

- Simulation Labs
- Expert Instruction
- Interactive Video Controls
- Text Lessons
- Section Quizzes and Exams
- Certification Practice Exams
- Performance Reports
- Student Reports
- Custom Assessment
- Class Management
- Data Export
- LMS Integration
- Auto-grading

Instructor Benefits

- Free teacher access
- Tutorials
- Lesson plans
- PowerPoint slides
- Mapping to state standards
- Pacing Guide
- Custom exam builder
- Custom reports
 - Track student progress
 - Time in resources
 - Scores
 - Attempts

Student Benefits

- Video lessons with a read-along interactive script
- Automatic feedback/remediation
- Interactive lab environment
- Auto-scoring
- TestOut Pro certification exam voucher
- Online – use anywhere
- Self-contained – additional materials are not needed

TESTOUT COURSEWARE LIST

TESTOUT OFFICE PRO



Prepares for:
MO-110, 210 & 310

TESTOUT PRO CERTIFIED: MICROSOFT WORD®



TESTOUT PRO CERTIFIED: MICROSOFT EXCEL®



Prepares for:
MO-200 & MO-201 Exams

TESTOUT IT FUNDAMENTALS PRO



Prepares for:
CompTIA IT Fundamentals

TESTOUT DIGITAL LITERACY PRO



TESTOUT PC PRO



Prepares for:
CompTIA A+

TESTOUT NETWORK PRO



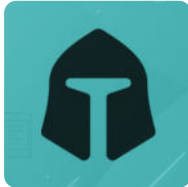
Prepares for:
CompTIA Network +

TESTOUT SECURITY PRO



Prepares for:
CompTIA Security +

TESTOUT CYBER DEFENSE PRO



Prepares for:
CompTIA CySA+

TESTOUT ETHICAL HACKER PRO



Prepares for: TestOut
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TESTOUT CLIENT PRO



Prepares for:
Microsoft MD-102

TESTOUT SERVER PRO 2016: INSTALL AND STORAGE



Prepares for:
Microsoft MD-102

TESTOUT SERVER PRO 2016: NETWORKING



Prepares for:
Microsoft 70-741

TESTOUT SERVER PRO 2016: IDENTITY



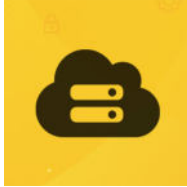
Prepares for:
Microsoft 70-742

TESTOUT ROUTING AND SWITCHING PRO



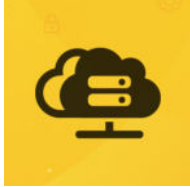
Prepares for:
CCNA 200-301

TESTOUT HYBRID SERVER PRO: CORE



Prepares for:
MS AZ-800

TESTOUT HYBRID SERVER PRO: ADVANCED



Prepares for:
MS AZ-801

TESTOUT LINUX PRO



Prepares for:
CompTIA Linux +