



A CAREER IN CORE SKILLS

COMPTIA CERTIFICATIONS



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

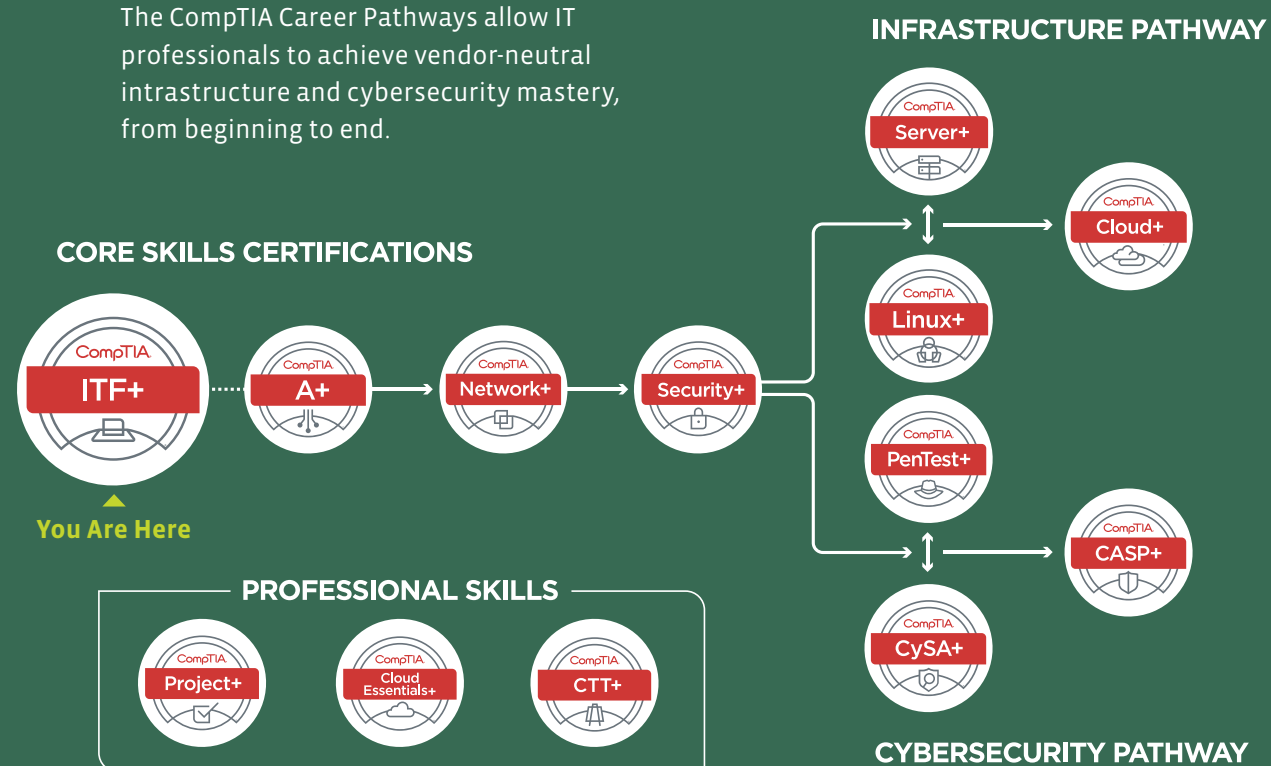
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[BUY NOW \(OTHER COUNTRIES\)](#)

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.



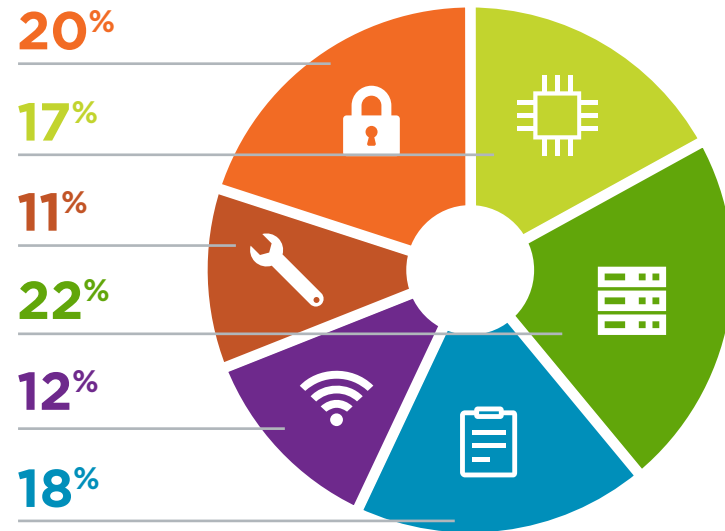
About Core Skills Certifications

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

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



[VIEW EXAM OBJECTIVES](#)

Who would benefit from IT Fundamentals (ITF+)

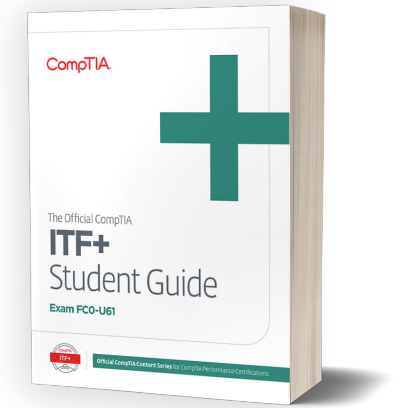
- Students considering a career in IT
- Students and career changers considering a career in IT
- Marketing, sales and operations staff in IT-based organizations

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+) (Exam FCo-U61) 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

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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 by ITProTV >](#)

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 IT Fundamentals (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
- Identify/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 (US)

BUY NOW (OTHER COUNTRIES)



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

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COMPTIA A+

COMBINED (220-1001 & 220-1002)

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



EXAM

220-1001 and 220-1002

RELEASE DATE

January 2019

LANGUAGE

English, German, Japanese, Portuguese, Thai 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

- Service Desk Analyst
- Technical Support Specialist
- Field Service Technician
- Associate Network Engineer
- Data Support Technician
- Desktop Support Administrator
- End User Computing Technician
- Help Desk Technician
- System Support Specialist

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

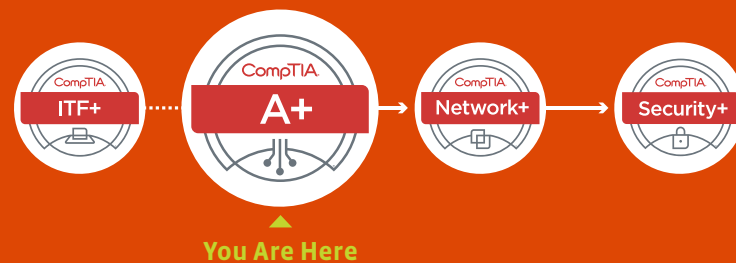
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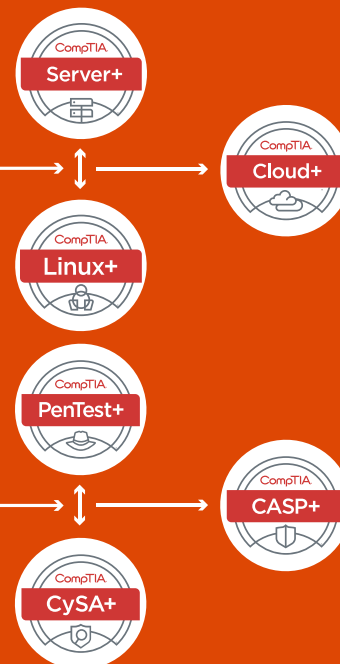
CORE SKILLS CERTIFICATIONS



PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY



About Core Skills Certifications

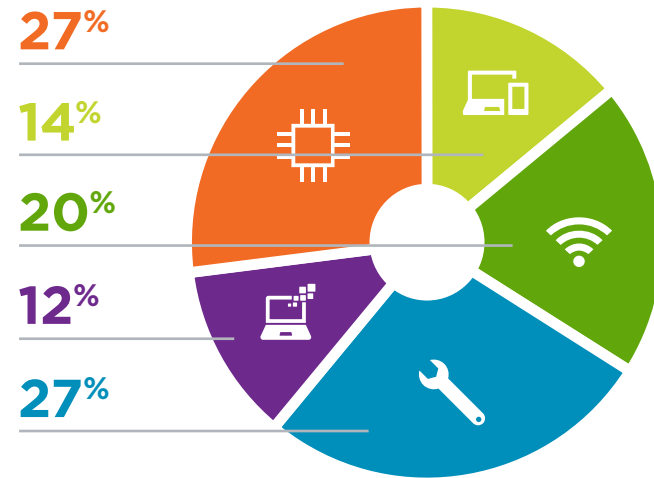
CompTIA's core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.



SKILLS & COMPETENCIES

CompTIA A+ Core 1 (220-1001)

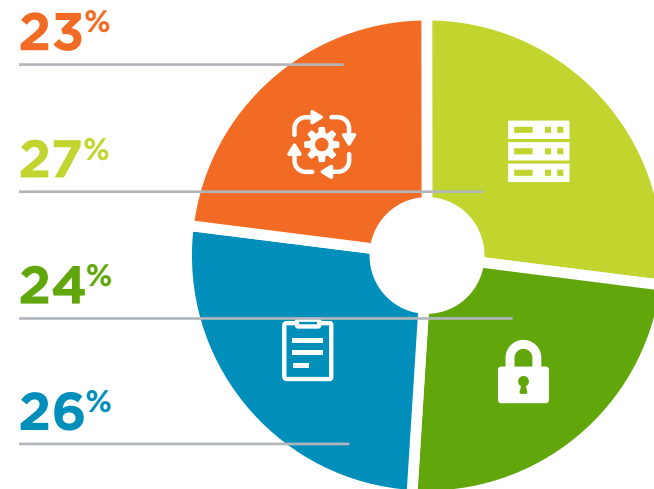
-  [Hardware >](#)
-  [Mobile Devices >](#)
-  [Networking >](#)
-  [Virtualization and Cloud Computing >](#)
-  [Network and Hardware Troubleshooting >](#)



[VIEW EXAM OBJECTIVES](#)

CompTIA A+ Core 2 (220-1002)

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



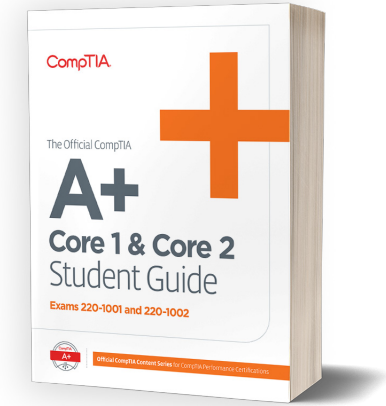
[VIEW EXAM OBJECTIVES](#)

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 & Core 2 Instructor and Student Guides (220-1001 and 220-1002) have been developed by CompTIA with input from instructors across the world. Rigorously evaluated by third-party subject matter experts to validate adequate coverage of both the Core 1 and Core 2 exam objectives in an integrated approach. The Official CompTIA A+ Core 1 & Core 2 Instructor and Student Guides teach the essential skills and information needed to troubleshoot, problem solve and help learners understand issues ranging from networking and operating systems, to mobile devices and security, preparing candidates to take the CompTIA A+ Core 1 and Core 2 Exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING


-  Books
-  Labs
-  e-Learning
-  Exam Prep

PURCHASE A+ HERE

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[BUY NOW \(OTHER COUNTRIES\)](#)

Key Features & Benefits

-  [Robust Assessment >](#)
-  [Integrate Active Learning >](#)
-  [Alignment and Consistency Across Book and Assessment >](#)
-  [Engaging Video Program Developed Exclusively for CompTIA by ITProTV >](#)
-  [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
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COURSE OVERVIEW

CompTIA A+ is the preferred qualifying credential for technical support and IT operational roles. CompTIA A+ certified professionals are proven problem solvers. They support today's core technologies from security to cloud to data management and more. CompTIA A+ is the industry standard for launching IT careers in today's digital world.

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



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.



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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BUY NOW (OTHER COUNTRIES)

Student Guide Lesson Overview

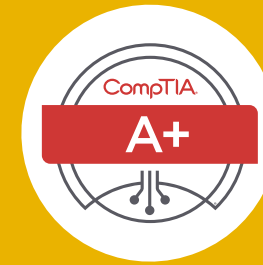
- 1 Supporting Operating Systems
- 2 Installing and Configuring PC Components
- 3 Installing, Configuring, and Troubleshooting Display and Multimedia Devices
- 4 Installing, Configuring, and Troubleshooting Storage Devices
- 5 Installing, Configuring, and Troubleshooting Internal System Components
- 6 Installing, Configuring, and Maintaining Operating Systems
- 7 Maintaining and Troubleshooting Microsoft Windows
- 8 Network Infrastructure Concepts
- 9 Configuring and Troubleshooting Networks
- 10 Managing Users, Workstations, and Shared Resources
- 11 Implementing Client Virtualization and Cloud Computing
- 12 Security Concepts
- 13 Securing Workstations and Data
- 14 Troubleshooting Workstation Security Issues
- 15 Supporting and Troubleshooting Laptops
- 16 Supporting and Troubleshooting Mobile Devices
- 17 Installing, Configuring, and Troubleshooting Print Devices
- 18 Implementing Operational Procedures

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A+

CORE 1 (220-1001)

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



EXAM

220-1001

RELEASE DATE

January 2019

LANGUAGE

English, German, Japanese, Portuguese, Thai 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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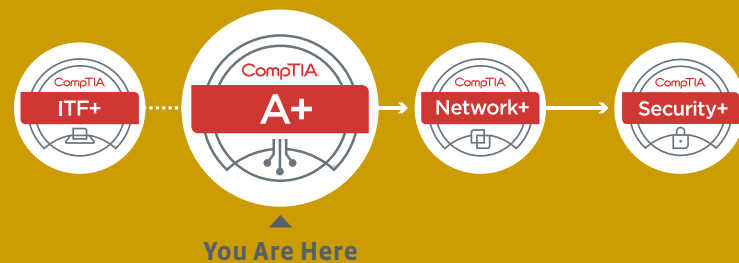
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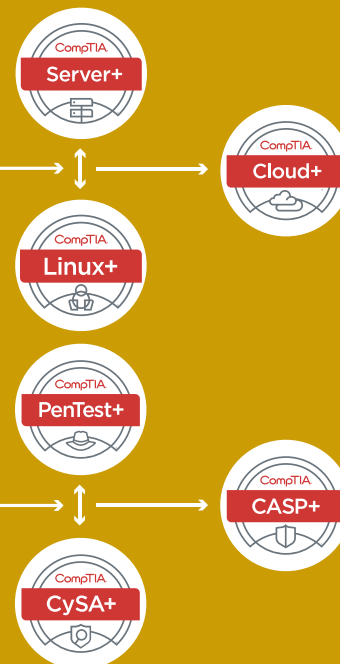
CORE SKILLS CERTIFICATIONS



PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY



About Core Skills Certifications

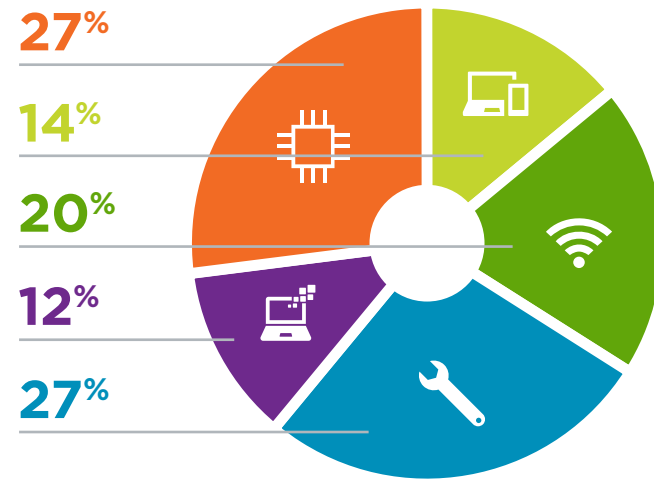
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SKILLS & COMPETENCIES

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

[VIEW EXAM OBJECTIVES](#)



Top A+ Job Roles

- Service Desk Analyst
- Technical Support Specialist
- Field Service Technician
- Associate Network Engineer
- Data Support Technician
- Desktop Support Administrator
- End User Computing Technician
- Help Desk Technician
- System Support Specialist

Organizations that Endorse A+

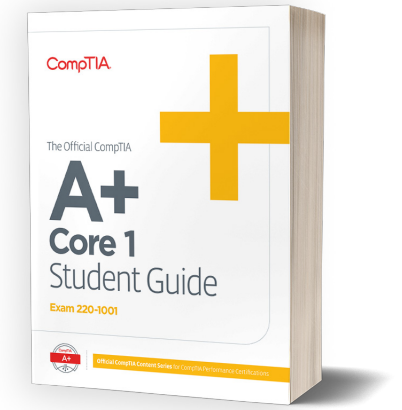
- Best Buy/Geek Squad
- Blue Cross Blue Shield
- Canon
- Dell
- Fry's Electronics
- General Dynamics
- HP
- Intel
- Nissan
- Ricoh
- Sharp
- U.S. Department of Defense (DoD)
- Verizon
- Wells Fargo

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[COMPARE COMPTIA A+](#)

OFFICIAL LEARNING RESOURCES



Overview

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AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

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

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Key Features & Benefits

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

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COURSE OVERVIEW

CompTIA A+ is the preferred qualifying credential for technical support and IT operational roles. CompTIA A+ certified professionals are proven problem solvers. They support today's core technologies from security to cloud to data management and more. CompTIA A+ is the industry standard for launching IT careers into today's digital world.

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 and Configuring PC Components
- 2 Installing, Configuring, and Troubleshooting Display and Multimedia Devices
- 3 Installing, Configuring, and Troubleshooting Storage Devices
- 4 Installing, Configuring, and Troubleshooting Internal System Components
- 5 Network Infrastructure Concepts
- 6 Configuring and Troubleshooting Networks
- 7 Implementing Client Virtualization and Cloud Computing
- 8 Supporting and Troubleshooting Laptops
- 9 Supporting and Troubleshooting Mobile Devices
- 10 Installing, Configuring, and Troubleshooting Print Devices

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Exam Prep Option

CERTMASTER PRACTICE

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

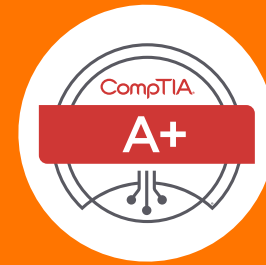
Andy MacLeod

COMPUTER SYSTEMS ANALYST, CHUGACH ALASKA CORPORATION

A+

CORE 2 (220-1002)

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



EXAM

220-1002

RELEASE DATE

January 2019

LANGUAGE

English, German, Japanese, Portuguese, Thai and Spanish

CE REQUIRED?

Yes

ACCREDITATION

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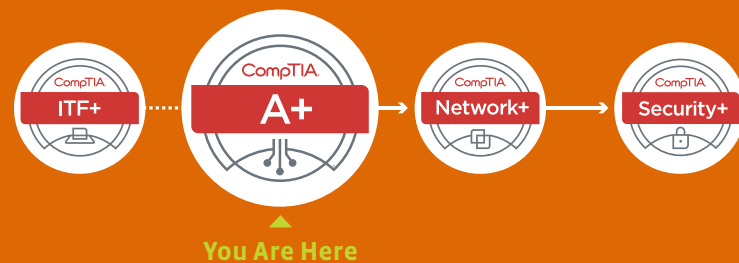
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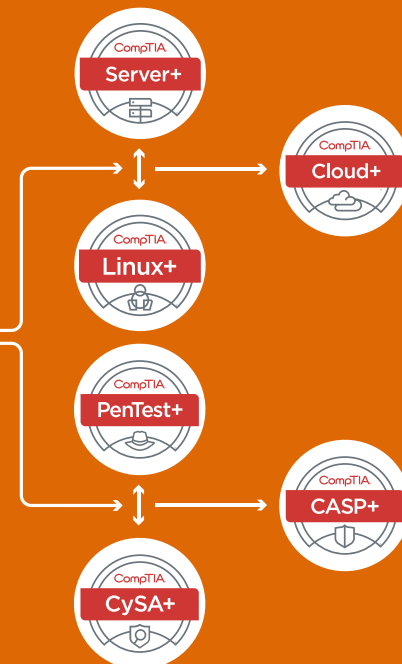
CORE SKILLS CERTIFICATIONS



PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY



About Core Skills Certifications

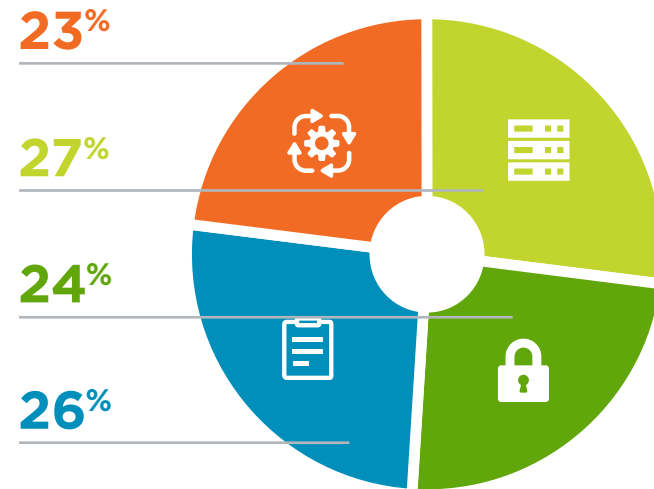
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SKILLS & COMPETENCIES

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

[VIEW EXAM OBJECTIVES](#)



Top A+ Job Roles

- Service Desk Analyst
- Technical Support Specialist
- Field Service Technician
- Associate Network Engineer
- Data Support Technician
- Desktop Support Administrator
- End User Computing Technician
- Help Desk Technician
- System Support Specialist

Organizations that Endorse A+

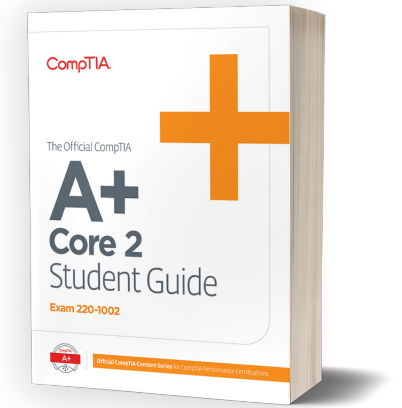
- Best Buy/Geek Squad
- Blue Cross Blue Shield
- Canon
- Dell
- Fry's Electronics
- General Dynamics
- HP
- Intel
- Nissan
- Ricoh
- Sharp
- U.S. Department of Defense (DoD)
- Verizon
- Wells Fargo

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 2 Instructor and Student Guides (220-1102) have been developed by CompTIA with input from instructors across the world. Rigorously evaluated by third-party subject matter experts to validate adequate coverage of the Core 2 exam objectives, the Official CompTIA A+ Core 2 Instructor and Student Guides teach the essential skills and information needed to troubleshoot, problem solve and help learners understand issues ranging from networking and operating systems, to mobile devices and security, preparing candidates to take the CompTIA A+ Core 2 certification.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING


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

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Student Guide Lesson Overview

- 1 Supporting Operating Systems
- 2 Installing, Configuring, and Maintaining Operating Systems
- 3 Maintaining and Troubleshooting Microsoft Windows
- 4 Configuring and Troubleshooting Networks
- 5 Managing Users, Workstations, and Shared Resources
- 6 Security Concepts
- 7 Securing Workstations and Data
- 8 Troubleshooting Workstation Security Issues
- 9 Supporting and Troubleshooting Mobile Devices
- 10 Implementing Operational Procedures

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Exam Prep Option

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

Phil Norton

SYSTEMS ANALYST III, SOURCEBOOKS

NETWORK+ 2019 UPDATE N10-007



CompTIA Network+ verifies that you have the essential knowledge and skills in networking to develop a career in IT infrastructure.



EXAM

N10-007

RELEASE DATE

March 2018

LANGUAGE

English, German,
Japanese, Portuguese,
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.

PREREQUISITES

Students should have CompTIA A+ certification or equivalent knowledge, and at least 9-12 months of networking experience.

PURCHASE NETWORK+ HERE

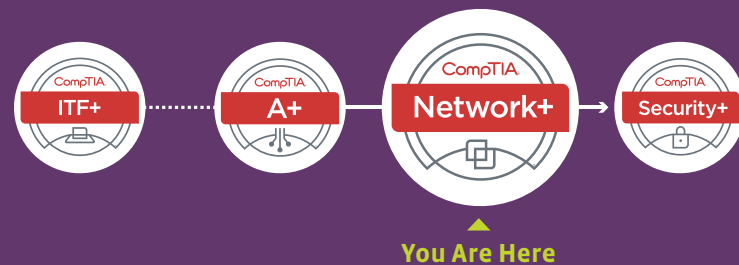
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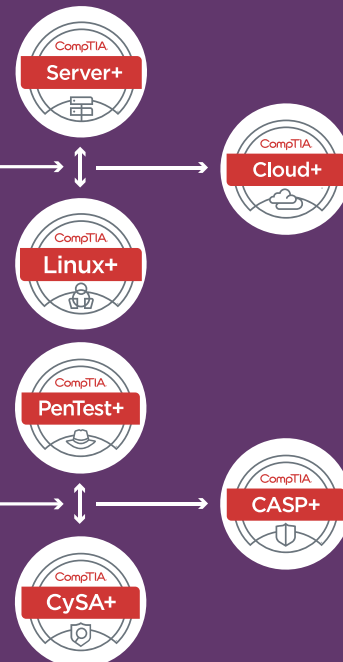
CORE SKILLS CERTIFICATIONS



PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY



About Core Skills Certifications

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SKILLS & COMPETENCIES

 [Network Troubleshooting & Tools >](#)

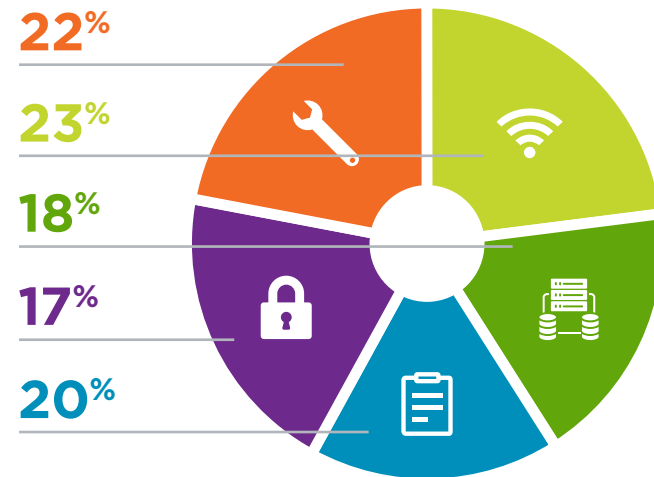
 [Networking Concepts >](#)

 [Infrastructure >](#)

 [Network Security >](#)

 [Network Operations >](#)

[VIEW EXAM OBJECTIVES](#)



Top Network+ Job Roles

- Junior Network Administrator
- Computer Technician
- Network Field Technician
- Help Desk Technician
- Junior Systems Engineer
- Systems Engineer
- IS Consultant
- Network Support
- Network Field Engineer
- Network Analyst

Organizations that Use Network+

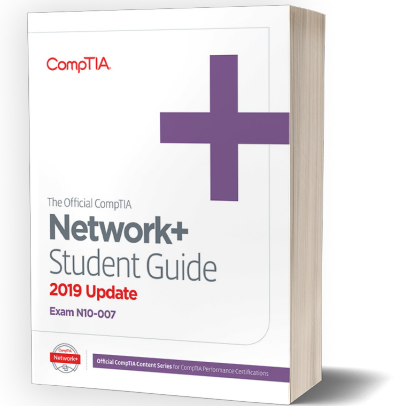
- Apple
- Best Buy
- Blue Cross Blue Shield
- Canon
- Cisco
- Dell
- HP
- Intel
- Konica Minolta
- Motorola
- Ricoh
- Sharp
- Time Warner
- U.S. Department of Defense (DoD)
- Verizon
- Xerox

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

[COMPARE COMPTIA NETWORK+](#)

OFFICIAL LEARNING RESOURCES



Overview

The Official CompTIA Network+ Instructor and Student Guide **2019 Update** (Exam N10-007) is developed exclusively by CompTIA, combining market-leading content with instructor input and the latest instructional design techniques.

A refreshed organization of content, additional assessments, scenario-based exercises and exclusive videos from ITProTV deliver an integrated solution that prepares students for the Network+ certification exam.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

 Books  Labs  e-Learning  Exam Prep  Bundle Pricing

PURCHASE NETWORK+ HERE

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Key Features & Benefits

 [Robust Assessment >](#)

 [Reorganization Lessons >](#)

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

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

 [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

This course is for students who are preparing for the CompTIA Network+ certification exam N10-007. This course is intended for entry-level computer support professionals with a basic knowledge of computer hardware, software, and operating systems who wish to increase their knowledge and understanding of networking concepts and acquire the required skills to prepare for a career in network support or administration.

Student Guide Lesson Overview

- 1 Explaining the OSI Model and TCP/IP Models
- 2 Explaining Properties of Network Traffic
- 3 Installing and Configuring Switched Networks
- 4 Configuring IP Networks
- 5 Installing and Configuring Routed Networks
- 6 Configuring and Monitoring Ports and Protocols
- 7 Explaining Network Applications and Storage Services
- 8 Monitoring and Troubleshooting Networks
- 9 Explaining Networking Attacks and Mitigations
- 10 Installing and Configuring Security Devices
- 11 Explaining Authentication and Access Controls
- 12 Deploying and Troubleshooting Cabling Solutions
- 13 Implementing and Troubleshooting Wireless Technologies
- 14 Comparing and Contrasting WAN Technologies
- 15 Using Remote Access Methods
- 16 Identifying Site Policies and Best Practices

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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.

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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+ SYO-601



CompTIA Security+ is an international, vendor-neutral certification that validates the baseline skills necessary to perform core security functions and pursue an IT security career.



EXAM

SYO-601

RELEASE DATE

November 2020

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 Network+ and two years of experience in IT administration with a security focus.

PURCHASE SECURITY+ HERE

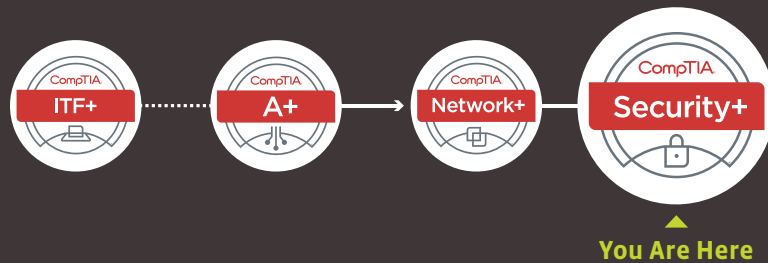
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Where is this in the CompTIA Career Pathway?

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

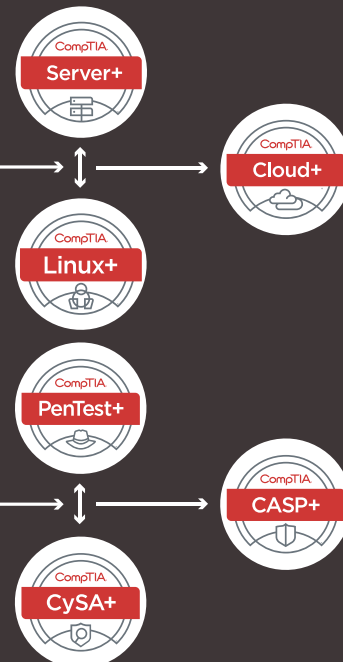
CORE SKILLS CERTIFICATIONS



PROFESSIONAL SKILLS



INFRASTRUCTURE PATHWAY



CYBERSECURITY PATHWAY



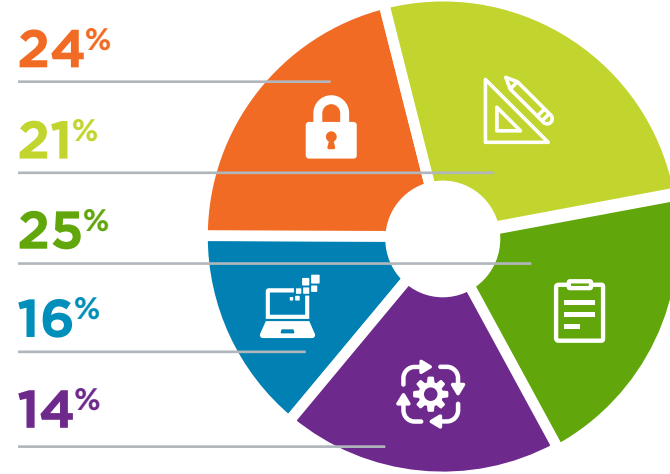
About Core Skills Certifications

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

-  [Attacks, Threats and Vulnerabilities >](#)
-  [Architecture and Design >](#)
-  [Implementation >](#)
-  [Operations and Incident Response >](#)
-  [Governance, Risk and Compliance >](#)



[VIEW EXAM OBJECTIVES](#)

Top Security+ Job Roles

- Security Administrator
- Systems Administrator
- Helpdesk Manager / Analyst
- Security Analyst
- Network / Cloud Engineer
- IT Auditors
- Security Engineer
- IT Project Manager

Organizations that have contributed to the development of Security+

- | | |
|---|---|
| • Target Corp. | • aeSolutions |
| • Ricoh | • Max Life Insurance |
| • U.S. Navy Center for Information Dominance | • Southeastern Louisiana University |
| • RxSense | • Netflix |
| • Johns Hopkins University Applied Physics Laboratory | • SecureWorks |
| • Splunk | • University of Redlands |
| • General Dynamics IT (GDIT) | • Spire Inc. |
| | • Australian Information Security Association / Deakin University |

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 (SY0-601) have been developed by CompTIA for the CompTIA certification candidate. Rigorously evaluated to validate coverage of the CompTIA Security+ (SY0-601) exam objectives, The Official CompTIA Security+ Instructor and Student Guides teach students 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 IoT; operate with an awareness of applicable laws and policies, including principles of governance, risk, and compliance; identify, analyze, and respond to security events and incidents.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

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COURSE OVERVIEW

This course is aimed towards IT professionals who install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations.

Student Guide Lesson Overview

- 1 Comparing Security Roles and Security Controls
- 2 Explaining Threat Actors and Threat Intelligence
- 3 Performing Security Assessments
- 4 Identifying Social Engineering and Malware
- 5 Summarizing Basic Cryptographic Concepts
- 6 Implementing Public Key Infrastructure
- 7 Implementing Authentication Controls
- 8 Implementing Identity and Account Management Controls
- 9 Implementing Secure Network Designs
- 10 Implementing Network Security Appliances
- 11 Implementing Secure Network Protocols
- 12 Implementing Host Security Solutions
- 13 Implementing Secure Mobile Solutions
- 14 Summarizing Secure Application Concepts
- 15 Implementing Secure Cloud Solutions
- 16 Explaining Data Privacy and Protection Concepts
- 17 Performing Incident Response
- 18 Explaining Digital Forensics
- 19 Summarizing Risk Management Concepts
- 20 Implementing Cybersecurity Resilience
- 21 Explaining Physical Security

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Graded Hands-on Practice

THE NEW CERTMASTER LABS

CompTIA CertMaster Labs for Security+ (SY0-601) enable hands-on practice and skills development using real equipment and software accessed through a remote, browser-based lab environment.

Purchase Security+ Here

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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