



VKNOWIT

Vision · Knowledge · Technology

CYBERSECURITY

PROGRAM

Training Plan



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CYBERSECURITY APPRENTICESHIP PROGRAM

VKNOWIT Computer Institute, LLC has joined forces with Masanet (a Certified CompTIA training partner for the past 13 years), to create a complete Cybersecurity training plan for you to start your Cybersecurity career!!

Cybersecurity is our passion

At VKNOWIT Computer Institute, LLC, we strive to connect students with industry professionals in cybersecurity roles for mentorship and employment. Our program includes the most popular certifications in Cybersecurity and Computer Networking.

Students

Learn cybersecurity techniques by taking certification courses while training in a hands-on IT environment. The apprenticeship program offers workshops in separate tracks for cybersecurity. All courses are fully online with support for hands-on learning in the labs that prepare you.

Training

Who should apply?

Those that have completed high school (or equivalent) and are seeking cybersecurity training while receiving unemployment or working should apply for acceptance into the program. Selected applicants will benefit from low cost tuition, CompTIA certification material, labs, exam simulators and exam vouchers.

Qualifications for the program are noted below:

- 17 or older
- High school or GED equivalent
- US Citizen/Right to work/Work VISA
- Written application and oral interview
- Interest in cybersecurity and networking

VKNOWIT Cybersecurity Program

Commitment

- Approximately 6 months
- Complete 4 online certification courses with a passing grade

Courses

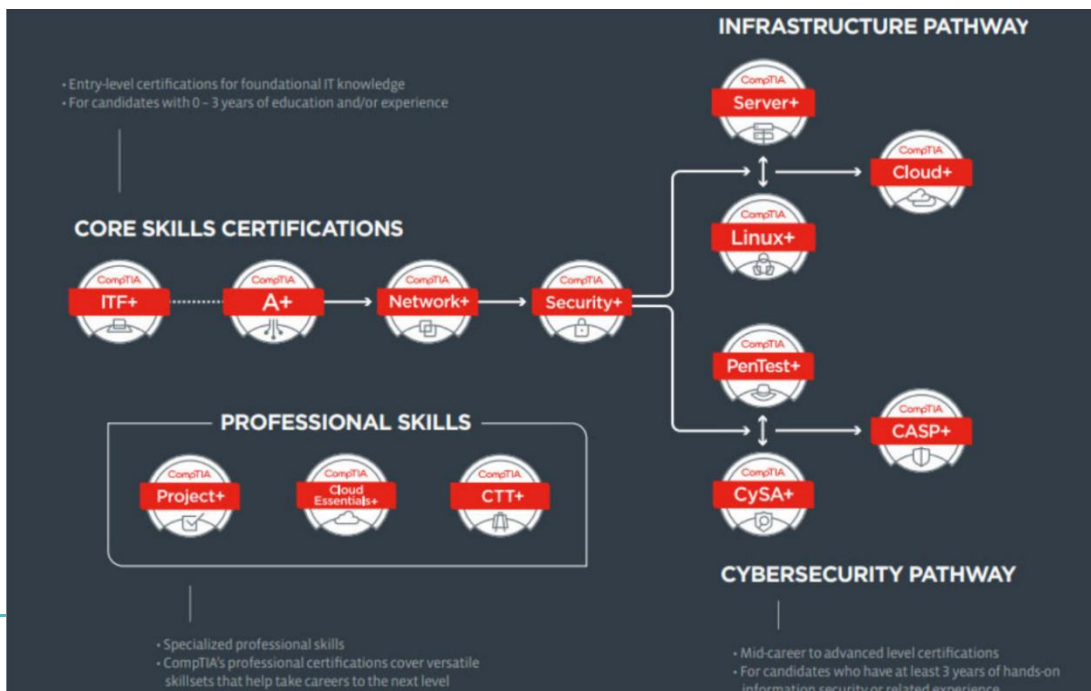
Below are the courses in the Cybersecurity Program:

YOUR NEXT MOVE. PLAN FOR YOUR FUTURE!

- CompTIA IT Fundamentals (ITF+) is an introduction to basic IT knowledge and skills.
- CompTIA A+
- CompTIA Net+
- CompTIA Security+

Info Sessions

All interested in learning more about the apprenticeship program are welcome to join one of our information sessions. You will have an opportunity to hear about the program, ask questions, and share your passion for cybersecurity. Come and learn how to become part of the cybersecurity community and help share what you already know. Bring a friend to one of our sessions to get a discount. All Zoom sessions are online at your convenience. Please email Rocio.Rodriguez@vknowit.net to arrange your info session in English or Spanish. If you don't have a computer, please text your name and questions to 240-460-8556.



1. CYBERSECURITY TRACK

Career Path: What is a Cybersecurity Specialist?

Cybersecurity Professionals detect cyberthreats and implement changes to protect an organization. A security operations center (SOC) team likely has several tiers of cybersecurity professionals that are responsible for monitoring, directing, containing, and remediating IT threats. Cybersecurity Professionals may be tasked with anything from installing, administering, and troubleshooting security solutions to writing up security policies and training documents for colleagues. While other job roles are responsible for specific part of the overall system, Cybersecurity Professionals must be able to take a step back and see the big picture to keep it secure from threats.

Job Titles

- [System/s Administrator](#)
- [Network Engineer](#)
- [System/s Engineer](#)

Other IT Jobs You Can Get with Certifications

Required skills at this level

- Scan and assess network for vulnerabilities
- Monitor network traffic for unusual activity
- Investigate a violation when a breach occurs
- Install and use software to protect sensitive information
- Prepare reports that document security breaches
- Research new security technology
- Help end-users when they need to install or learn about new products and procedures

A. COMPTIA ITF+ - IT FUNDAMENTALS - EXAM CODE FCO-U61



Why is it different?

CompTIA ITF+ helps professionals to decide if a career in IT is right for them or to develop a broader understanding of IT.

- ITF+ is the only pre-career certification that helps students or career changers determine if they have a competency for information technology and if it is the right career path for them.
- ITF+ is the only single certification that covers all areas of IT foundations, creating a broader understanding of IT making it ideal for non-technical professionals.
- ITF+ establishes an IT education framework for students in middle school and high school.

About the Exam

The CompTIA IT Fundamentals exam focuses on the essential IT skills and knowledge needed to perform tasks commonly performed by advanced end-users and entry-level IT professionals alike, including:

- Using features and functions of common operating systems and establishing network connectivity.
- Identifying common software applications and their purpose
- Using security and web browsing best practices

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

Quick Links: [Info for Students](#)

ITF+ - IT FUNDAMENTALS - Exam Details

Price	\$1,000
Hours	32
Exam Codes	Exam FC0-U61
Launch Date	September 4, 2018
Exam Details	The new CompTIA IT Fundamentals exam focuses on the knowledge and skills required to identify and explain the basics of computing, IT infrastructure, software development, and database use. With this new version comes the addition of the + to further distinguish ourselves within the marketplace and represent CompTIA quality and standards.
Number of Questions	Maximum of 75 questions per exam
Type of Questions	Multiple choice
Length of Test	60 Minutes
Passing Score	650 (on a scale of 900)
Recommended Experience	No experience necessary. Sam the trainer has a one-on-one with each student via Zoom to help the student understand each course content and goal.

B. COMPTIA A+ EXAM CODES 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 into today's digital world.

- The only credential with performance-based items to prove pros can think on their feet to perform critical IT support tasks in the moment
- Trusted by employers around the world to identify the go-to person in end point management & technical support roles
- Regularly re-invented by IT experts to ensure that it validates core skills and abilities demanded in the workplace
- The CompTIA A+ Core Series requires candidates to pass two exams: Core 1 (220-1001) and Core 2 (220-1002) covering the following new content:
- Demonstrate baseline security skills for IT support professionals
- Configure device operating systems, including Windows, Mac, Linux, Chrome OS, Android and iOS and administer client-based as well as cloud-based (SaaS) software
- Troubleshoot and problem solve core service and support challenges while applying best practices for documentation, change management, and scripting
- Support basic IT infrastructure and networking
- Configure and support PC, mobile and IoT device hardware
- Implement basic data backup and recovery methods and apply data storage and management best practices
- 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.
- The only credential with performance-based items to prove pros can think on their feet to perform critical IT support tasks in the moment
- Trusted by employers around the world to identify the go-to person in end point management & technical support roles
- Regularly re-invented by IT experts to ensure that it validates core skills and abilities demanded in the workplace

The CompTIA A+ Core Series requires candidates to pass two exams: Core 1 (220-1001) and Core 2 (220-1002) covering the following new content:

- Demonstrate baseline security skills for IT support professionals
- Configure device operating systems, including Windows, Mac, Linux, Chrome OS, Android and iOS and administer client-based as well as cloud-based (SaaS) software
- Troubleshoot and problem solve core service and support challenges while applying best practices for documentation, change management, and scripting
- Support basic IT infrastructure and networking
- Configure and support PC, mobile and IoT device hardware
- Implement basic data backup and recovery methods and apply data storage and management best practices

COMPTIA A+ Exam Details

Price	\$1,300
Hours	40
Exam Codes	CompTIA A+ 220-1001 (Core 1) and 220-1002 (Core 2) Candidates must complete both 1001 and 1002 to earn certification. Exams cannot be combined across the series.
Launch Date	January 15, 2019
Exam Description	CompTIA A+ 220-1001 covers mobile devices, networking technology, hardware, virtualization and cloud computing and network troubleshooting. CompTIA A+ 220-1002 covers installing and configuring operating systems, expanded security, software troubleshooting and operational procedures.
Number of Questions	Maximum of 90 questions per exam
Type of Questions	Multiple choice questions (single and multiple response), drag and drops and performance-based
Length of Test	90 Minutes per exam
Passing Score	220-1001: 675 (on a scale of 100-900) 220-1002: 700 (on a scale of 100-900)
Recommended Experience	No experience necessary. Sam the trainer has a one-on-one with each student via Zoom to help the student understand each course content and goal.

C. COMPTIA NET+ EXAM CODES N10-007



CompTIA Network+ helps develop a career in IT infrastructure covering troubleshooting, configuring, and managing networks.

Network+ ensures an IT professional has the knowledge and skills to:

- Design and implement functional networks
- Configure, manage, and maintain essential network devices
- Use devices such as switches and routers to segment network traffic and create resilient networks
- Identify benefits and drawbacks of existing network configurations
- Implement network security, standards, and protocols
- Troubleshoot network problems
- Support the creation of virtualized networks

COMPTIA NET+ Exam Details

Price	\$1,500
Hours	40
Exam Codes	N10-007
Launch Date	March 2018
Exam Description	<p>CompTIA Network+ N10-007 has been updated and reorganized to address the current networking technologies with expanded coverage of several domains by adding:</p> <ul style="list-style-type: none"> • Critical security concepts to helping networking professionals work with security practitioners • Key cloud computing best practices and typical service models • Coverage of newer hardware and virtualization techniques • Concepts to give individuals the combination of skills to keep the network resilient
Number of Questions	Maximum of 90 questions
Type of Questions	Multiple Choice Questions (single and multiple response), drag and drops and performance-based
Length of Test	90 Minutes
Passing Score	720 (on a scale of 100-900)
Recommended Experience	CompTIA A+ Certification and At least 9 to 12 months of networking experience

D. COMPTIA SECURITY+ EXAM CODES N10-007

CompTIA Security+ is a Global Certification that validates the Baseline Skills you need to Perform Core Security Functions and Pursue an IT Security Career!!

Why is it different?

- No other certification that assesses baseline cybersecurity skills has performance-based questions on the exam. Security+ emphasizes hands-on practical skills, ensuring the security professional is better prepared to problem solve a wider variety of issues.
- More choose Security+ for DoD 8570 compliance than any other certification.
- Security+ focuses on the latest trends and techniques in risk management, risk mitigation, threat management and intrusion detection.
- The new Security+ certification covers the Junior IT Auditor/Penetration Tester job role, in addition to the previous job roles for Systems Administrator, Network Administrator, and Security Administrator.

About the exam

New CompTIA Security+ (SY0-601) exam launching in November 2020!

CompTIA Security+ is the first security certification IT professionals should earn. It establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs. Security+ incorporates best practices in hands-on troubleshooting to ensure security professionals have practical security problem-solving skills. Cybersecurity professionals with Security+ know how to address security incidents – not just identify them.

Security+ is compliant with ISO 17024 standards and approved by the US DoD to meet directive 8140/8570.01-M requirements. Regulators and government rely on ANSI accreditation, because it provides confidence and trust in the outputs of an accredited program. Over 2.3 million CompTIA ISO/ANSI-accredited exams have been delivered since January 1, 2011.


CompTIA SECURITY+ Exam Details

Price	\$1,850	We will know the price once CompTIA provides information on this exam
Hours	40	40
Exam Codes	SY0-501	SY0-601
Launch Date	October 4, 2017	November, 2020
Exam Description	The CompTIA Security+ exam will certify the successful candidate has the knowledge and skills required to 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. The successful candidate will perform these tasks to support the principles of confidentiality, integrity, and availability.	The CompTIA Security+ 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 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
Number of Questions	Maximum of 90 questions	
Type of Questions	Multiple choice and performance-based	
Length of Test	90 minutes	
Passing Score	750 (on a scale of 100-900)	
Recommended Experience	CompTIA Network+ and two years of experience in IT administration with a security focus	

2. JOB BOARDS AND RESUME PREPARATION

Every student pays for their Exam Voucher when they pay for the Cybersecurity Program with VKNOWIT / MASANET!

We will guide all students to apply and pay for the test with the voucher. Once the Exam is taken and the student passes the test, we will help you add it to LinkedIn. You will be able to start preparing your resume to explore job boards and apply for a role you can grow with. We will be there for you with your resume preparation. Creating a LinkedIn is key when you are looking for work. The CareerBuilder, Indeed, Dice and Monster job boards need to you create a profile and upload your resume to be noticed by all the recruiters looking for Cybersecurity professionals. You are now among the elite when you train and graduate in the Cybersecurity Program.

 **Note:** You need to send an email to Rocio.Rodriguez@vknowit.net once the Certification arrives to your email or home via mail. Our Career Manager will guide the VKNOWIT student with the Resume preparation and the Job Search.