

Training Provider Name	Address	Contact Information
<p align="center">New Beginnings Computer Training, LLC</p>	<p align="center">777 Beachway Dr. Suite 308 Indianapolis, IN 46224</p>	<p align="center">317-550-7676 www.NBCT.tech</p>

Network CyberSecurity

Program Name	<u>Network CyberSecurity</u>		Program Number	<u>1002</u>	
Hours Per Week	<u>18</u>	Total Weeks	<u>52</u>	Total Clock Hours	<u>930</u>
Lecture Hours	<u>660</u>	Lab Hours	<u>270</u>		
Prerequisites	<u>NONE</u>				
Co-Requisites	<u>NONE</u>				

AVAILABLE CLASS DATES AND TIMES (ON-LINE AND IN-CLASSROOM)

Days	Class Begins:	8:00 a.m.	Class Ends:	12:30 p.m.
Afternoons	Class Begins:	12:30 p.m.	Class Ends:	5:00 p.m.
Evenings	Class Begins:	5:00 p.m.	Class Ends:	9:30 p.m.
Classes Meet:	<input checked="" type="checkbox"/> M <input checked="" type="checkbox"/> T <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> Th			

LEARNING METHODOLOGY

New Beginnings Computer Training believes the experience gained in the classroom forms the foundation of truly understanding concepts that are so important to a successful career in the IT industry. Some of the techniques utilized in our integrated learning methodology are:

- Discussions
- Demonstrations (live and via video)
- Hands-on
- Resources to use during and after class

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AWARD ATTAINMENT

- Certificate of Completion

Upon completion of the program requirements, students will be able to sit for the following third-party, information technology certification exams:

- CompTIA A+ Certificate
- CompTIA Security+ Certificate
- CompTIA Network+ Certificate
- CompTIA ITF+ Certificate

All certifications are contingent on the student passing the required Industry Certification Exams

BRIEF DESCRIPTION OF THE PROGRAM

Network Security professionals must have a good grasp of an assortment of technical skills, which include understanding:

- Secure network architecture.
- Vulnerability testing.
- Threat modeling.
- Virtualization technologies.
- Cloud security.
- Firewalls.
- Encryption solutions.
- Secure coding practices.

COURSE DESCRIPTION

The Network CyberSecurity course prepares a student to be able to safeguard a company's network and systems. They plan and implement security measures to protect the system from cyber-attacks, hacking attacks, intrusion, infiltration, and natural disasters.

CompTIA A+ Core 1: CompTIA A+ HARDWARE:

- Lecture: 15.75 Hours
- BIOS and UEFI, Motherboards, RAM, PC Expansion Cards, Storage Devices, CPU Technologies, A Interfaces, Computer Power, Computer Configuration, Display Devices, Connector Types, Computer Peripherals, SOHO Multifunction Devices, Printers, Printer Maintenance. Cables and Connectors, Cable Characteristics, TCP/IP, Ports and Protocols, Wireless Networking, Configuring a SOHO Router, Internet Connections, Network Devices, Networking Tools.

CompTIA A+ Core 1: Networking:

- Lecture: 15.75 Hours
- CompTIA Mobile Devices:
- laptop Hardware, Laptop Displays, Laptop Features, Mobile Devices, Mobile Device Accessories

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Network CyberSecurity (continued)

CompTIA Mobile Devices

- Lecture: 15.75 Hours
- laptop Hardware, Laptop Displays, Laptop Features, Mobile Devices, Mobile Device Accessories

CompTIA Core 1 Hardware and Network Troubleshooting:

- Lecture: 15.75 Hours
- Troubleshooting Computer Hardware, Troubleshooting Storage Devices, Troubleshooting Display Issues,
- Troubleshooting Networks, Troubleshooting Mobile Devices, Troubleshooting Printers

LAB: A+ Core 1: Hardware 27 Hours

- Configure the BIOS and UEFI
- Build a computer
- Network Computers together
- Assemble a Laptop

CompTIA A+ Core 2

• CompTIA A+ Core 2 Windows Operating Systems

- **Lecture: 12.6 Hours**
- Microsoft Operating Systems, Installing Windows, The Windows Command line, Windows Operating System Features, The Windows Control Panel, Windows Networking, Windows Preventative Maintenance

CompTIA A+ Core 2 Other Operating Systems and Technologies

- **Lecture: 12.6 Hours**
- Mac OS and Linux, Virtualization, Cloud Computing, Network Services, Mobile Operating Systems, Mobile Connectivity, Mobile Synchronization

CompTIA A+ Core 2 Security

- Lecture: 12.6 Hours
- Security Threats, Security Prevention Methods, Windows Security, Security Best Practices, Securing Mobile Devices, data Destruction and Disposal, Securing a SOHO Network

CompTIA + Core 2 Software Troubleshooting

- **Lecture: 12.6 Hours**
- Troubleshooting Operating Systems, Troubleshooting Security Issues, Troubleshooting Mobile Device Applications, Troubleshooting Mobile Device Security

CompTIA A+ Core 2 Operational Procedures

- **Lecture: 12.6 Hours**
- Network Security, Compliance and Operational Security
- Threats and Vulnerabilities/ Access Control and Identity Management Application, Data and Host Security/Cryptography
- Computer Safety Procedures, Environment Controls, Dealing with Prohibited Activity, Communication and
- Professionalism, Troubleshooting Theory

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LAB: CompTIA A+ Core2 27 Hours

- Install the Linux operating system
- Install Windows 10 Operations system
- Create a security policy

CompTIA: Security+

To provide the student with knowledge necessary in:

- Lecture: 126 Hours
- Network Security, Compliance and Operational Security
- Threats and Vulnerabilities/ Access Control and Identity Management
- Application, Data and Host Security/Cryptography
- **Lab: 54 Hours**
- Create a network security compliance policy
- Create a threat and vulnerability policy

CompTIA IT Fundamentals (ITF+)

Lecture: 126 Hours

- IT Concepts and Terminology
- Infrastructure
- Applications and Software
- Software Development
- Database Fundamentals
- Security

Lab: 54 Hours

- Install a Virtual Machine
- Install Windows Operating System on a Virtual Machine
- Navigate Windows management interfaces
- Navigate Task Manager, Management Console, PowerShell, CMD Interface ,

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CISCO: Lecture: 126 Hours

- Internetworking
- Ethernet Networking and Data Encapsulation
- TCP/IP and IP Routing
- Subnetting
- Layer 2 Switching
- V-LANs and Inter-VLAN Routing
- NAT (Network Address Translation)
- IPv6 (Internet Protocol version 6)
- Managing CISCO Devices and a CISCO Internetwork
- Enhanced Switch Technologies
- Network Device Management
- Security
- Enhanced IGRP
- OSPF (Open Shortest Path First)
- Troubleshooting IP, IPv6 and VLANs
- WANs (Wide Area Networks)
- Evolution of Intelligent Networks

Labs: 54 Hours

- Configure TCP/IP Routing
- Configure Subnetting
- Configure VLANs and Inter-VLAN Routing
- Configure OSPF (Open Shortest Path First)
- Troubleshooting IP, IPV6 and VLANs

COMPTIA NETWORK +

Lecture: 156 Hours

- Network architectures
- Cabling and topology
- Ethernet basics
- Network installation
- TCP/IP applications and network protocols
- Routing
- Network naming
- Advanced networking devices
- IPv6
- Remote connectivity
- Wireless networking
- Virtualization and cloud computing
- Mobile networking
- Network operations
- Managing risk, Network security, Network monitoring and troubleshooting

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COMPTIA NETWORK+

LAB: 54 Hours

- Installing a Layer 2 Switch
- Ping Command
- Tracert Command
- NSLOOKUP Command
- IP Config Command
- NetSTAT Command
- Port Scanning
- Packet Sniffers
- Email Phishing
- MAC Spoofing

VOCATIONAL OBJECTIVES

The Network CyberSecurity program is designed for those seeking a career to keep pace in the current threat environment, Network CyberSecurity must go beyond the basics. The student will also develop professional skills to assist in the obtainment of work and promotion in the IT Network Security industry.

Examples of occupations include, but are not limited to:

- Director of Security
- Security Architect
- Network Security Engineer
- Security Software Developer
- Security Systems Administrator
- Technical Director
- Security Analyst

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ADMISSION REQUIREMENTS FOR THE PROGRAM

All programs are open to those who can benefit from the training offered by New Beginnings Computer Training. Prospective students are invited to visit the school and discuss their training needs, career goals and objectives with our staff. A student's ability to benefit from specific courses is determined by interviewing and assessment testing.

Our admission requirements are explained below. If you have any questions, feel free to call our 317-550-7676 or send us an email at Paul@NBCT.tech

Age Requirements

You must be at least 16 years of age or older to apply as a rule. Parents or prospective students ages 14-16, we will review individual circumstances with parental approval.

Education Requirements

The minimum education requirement for all programs is a high school diploma (HSD), Certificate of Completion (COC), General Education Development (GED®) or High School Equivalency (HSE).

New Beginnings Computer Training, LLC accepts applicants who are deemed capable of successfully completing the training offered. If an applicant does not have a high school diploma or a GED and is beyond the compulsory age for high school education in the state, a test approved by the US Department of Education will be administered to determine the applicant's Ability to Benefit from the training provided. Ability to benefit is defined as the demonstrated aptitude to successfully complete the educational program to which the applicant has applied and to subsequently be employed in a training-related field. Students working through third party payers will have completed testing prior to enrollment.

QUALIFICATIONS FOR TEACHING FACULTY

All members of the teaching faculty shall possess the following minimum qualifications:

- A four-year degree from an approved institution in the major area they are assigned to teach; **or**
- A two-year degree from an approved institution in the major area they are assigned to teach; **or**
- Practical experience of not less than two years in the major area they are assigned to teach; and
- In addition, knowledge of the educational literature in the field, of the methods and techniques of handling industrial, commercial and occupational/vocational training.

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PROGRAM COSTS

Category/Item	Fee	Itemization/Explanation
GENERAL FEES		
Registration	\$ 100.00	
Tuition	\$ 21,000.00	
Textbooks	\$ 500.00	
SUBTOTAL OF CHARGES	\$ 21,600.00	

ADDITIONAL FEES		
CompTIA A+	\$ 510.00	
CompTIA Security+	\$ 300.00	
CompTIA Network+	\$ 300.00	
CompTIA ITF+	200.00	
TOTAL EXAM FEES	\$ 1,310.00	

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REFUND / CANCELLATION POLICY OFFICE FOR CAREER AND TECHNICAL SCHOOLS RESIDENT REFUND POLICY

The postsecondary proprietary educational institution shall pay a refund to the student in the amount calculated under the refund policy specified below or as otherwise approved by the Office for Career and Technical Schools (OCTS). The institution must make the proper refund no later than thirty-one (31) days of the student's request for cancellation or withdrawal.

If a postsecondary proprietary educational institution utilizes a refund policy of their recognized national accrediting agency or the United States Department of Education (USDOE) Title IV refund policy, the postsecondary proprietary educational institution must provide written verification in the form of a final refund calculation, upon the request of OCTS, that its refund policy is more favorable to the student than that of OCTS.

The following refund policy applies to each postsecondary proprietary educational institution as follows:

1. A student is entitled to a full refund if one (1) or more of the following criteria are met:
 - (a) The student cancels the enrollment agreement or enrollment application within six (6) business days after signing.
 - (b) The student does not meet the postsecondary proprietary educational institution's minimum admission requirements.
 - (c) The student's enrollment was procured as a result of a misrepresentation in the written materials utilized by the postsecondary proprietary educational institution.
 - (d) If the student has not visited the postsecondary educational institution prior to enrollment, and, upon touring the institution or attending the regularly scheduled orientation/classes, the student withdrew from the program within three (3) days.
2. A student withdrawing from an instructional program, after starting the instructional program at a postsecondary proprietary institution and attending one (1) week or less, is entitled to a refund of ninety percent (90%) of the cost of the financial obligation, less an application/enrollment fee of ten percent (10%) of the total tuition, not to exceed one hundred dollars (\$100).
3. A student withdrawing from an instructional program, after attending more than one (1) week but equal to or less than twenty-five percent (25%) of the duration of the instructional program, is entitled to a refund of seventy-five percent (75%) of the cost of the financial obligation, less an application/enrollment fee of ten percent (10%) of the total tuition, not to exceed one hundred dollars (\$100).
4. A student withdrawing from an instructional program, after attending more than twenty-five percent (25%) but equal to or less than fifty percent (50%) of the duration of the instructional program, is entitled to a refund of fifty percent (50%) of the cost of the financial obligation, less an application/enrollment fee of ten percent (10%) of the total tuition, not to exceed one hundred dollars (\$100).
5. A student withdrawing from an instructional program, after attending more than fifty percent (50%) but equal to or less than sixty percent (60%) of the duration of the instructional program, is entitled to a refund of forty percent (40%) of the cost of the financial obligation, less an application/enrollment fee of ten percent (10%) of the total tuition, not to exceed one hundred dollars (\$100).
6. A student withdrawing from an institutional program, after attending more than sixty percent (60%) of the duration of the instructional program, is not entitled to a refund.

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Student Protection Fund

IC 22-4.1-21-15 and IC 22-4.1-21-18 requires each educational institution accredited by the Office for Career and Technical Schools to submit an institutional surety bond and contribute to the Career College Student Assurance Fund which will be used to pay off debt incurred due to the closing of a school, discontinuance of a program, or loss of accreditation by an institution. To file a claim, each student must submit a completed "Student Complaint Form." This form can be found on OCTS's website at <http://www.in.gov/dwd/2731.htm>.

This institution is regulated by:
 Office for Career and Technical Schools
 10 N Senate Avenue, Suite SE 308 Indianapolis IN 46204
OCTS@dwd.in.gov
<http://www.in.gov/dwd/2731.htm>

FOR VA STUDENTS:

Federal VA Policy:

Title 38 US Code CFR 21.4255 Refund Policy; Non-Accredited Courses for IHL/NCD

1. A refund of the unused portion of the tuition, fees and other charges will be made to the veteran or eligible person who fails to enter or fails to complete the course as required by Veteran Administration regulation. The refund will be within 10% (percent) of an exact pro rata refund. No more than \$10.00 of the established registration fee will be retained if a veteran or eligible person fails to enter and complete the course.
2. The code states that the exact proration will be determined on the ratio of the number of days of instruction completed by the student to the total number of instructional days in the course.
3. This policy will change upon accreditation of the school by an accrediting body recognized by the U.S Department of Education. The State Approving Agency will be notified accordingly. 317-234-8338 or 317-232-1732.