Weekly Live Coaching

Every block of study comes equipped with dedicated live instruction via weekly study groups. The live instructed study groups provide students with the opportunity to engage with an NGT Academy Technical Instructor or Career Coach in a live online classroom environment every week. During these live study groups students can ask questions to gain clarification on topics, participate in live lab demonstrations, live instructed lessons, certification exam preparation, career success exercises, and general coaching, mentoring, and guidance for program success!

Tools You’ll Use

**Full Stack Network Engineer** - Cisco IOS Command Line, Cisco Packet Tracer, terminal emulators, port scanner, Windows and Mac command line tools, route tracing, looking glass sites, virtualization software, password managers, note takers, text editors, screen cap tools, text comparators, TFTP and FTP server/client and syslog servers.

**Cybersecurity Accelerator** - Command line tools, Wireshark, metasploit, nmap, packet sniffer, VPNs, Firewalls, Password cracking, Wifi Cracking, text editors, spam blockers, CLI, shodan, OpenVAS, CVSS, CVE, Keyloggers, AV Tools, IPSec, Hashing, GHDB, Domain Lookup, Nessus Scanner.

Career Services

Our mission is to help students achieve career success, so we offer free access to:

**Live Career Coaching**: Your dedicated Career Coaches provide career success workshops, and live coaching office hours every week!

**Employer Network**: Access to the exclusive NGT Academy employer network and new job opportunities posted weekly!

**Asset Reviews**: Each student will be able to submit their LinkedIn profile, resume, and cover letter for review by one of our career success coaches.

**Digital Content Library**: Our digital library includes industry-proven templates for resumes and cover letters, as well as digitized sessions and how-to guides on LinkedIn optimization, writing effective resumes and cover letters, job search strategies, and interview preparation.

**Digital Community**: Our digital community provides a 24/7 platform where students can share information, exchange ideas, and learn from their peers, NGT alumni, and other members of the community, including NGT staff.
To earn the Full Stack Network Professional (FSNP) certification, students must first learn how to plan, design, build and closeout IT projects. Students will dive into real-world skills training and project-based learning to implement and close out IT projects. To obtain your Full Stack Network Associate (FSNA) certification you will complete your final lab build-out including networking basics, The OSI Model, Ethernet and VLANs, TCP & UDP, Topologies, cabling systems, network devices, IP addressing, static routing, dynamic routing, routing protocols, and core routing concepts.

In this module you will also learn how to make your own cables for Ethernet! We will cover networking basics, The OSI Model, Ethernet and VLANs, TCP & UDP, Topologies, cabling systems, network devices, IP addressing, static routing, dynamic routing, routing protocols, and core routing concepts.

FSNP Skills Qualification Check

Students must pass the Skills Qualification Check (SCQ) with over 100 hours of project build-out time. After building out these real-world projects students will also learn to implement and close out IT projects. Students will dive into real-world skills training and project-based learning to implement and close out IT projects.

Full Stack Network Associate

Full Stack Networking Project

Class 4G & 5G LTE Project

Colo Data Center Project

FNBP SQC Preparation Labs

FNBP Skills Specification Check

Class Certified Network Associate

Network+ exam: Networking Concepts, Infrastructure, Network Operations, Network Security, and Network Troubleshooting and Tools. Students are presented with a series of lessons, labs, quizzes and practice tests that prepare them for the CCNA certification exam. We will supply testing information to help you focus on your studies, a practice lab environment and access to the full CCNA exam format.

EXAM PREPARATION

NGT Live!
This module is all about preparing for the Security+ certification exam. Here, you’ll find practice exams and information to help you focus on the most common types of network attacks. We will dive right into security concepts and get started with learning about the most common types of network attacks. We will also take a look into the various toolkits and how they fit into common cyber security strategies.

In this module we will expand into security tools, and how to properly investigate and respond to security related network and systems design, wireless security, mobile security, cloud security, IAM, PKI, and Authentication and Authorization implementations. We will cover the implementation, control, and monitoring of security tools, as well as how to properly investigate and respond to security incidents. We will also look into the various toolkits and how they fit into common cyber security strategies.

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