

A man in a grey sweater and blue shirt is looking at a laptop in a server room. The room is filled with server racks and has a blue tint.

GNT CYBERSECURITY  
**SCHOLARSHIP 2018**



**IT SYSTEMS  
PROFESSIONAL**

# GNT CYBERSECURITY SCHOLARSHIP 2018

## IT SYSTEM PROFESSIONALS



**GNT**  
NIGERIA

An IT system professional's job is to solve the technical problems of a computer user. His/her job is to make the user protected, comfortable, and as the use of computers grows, the positions requiring this expertise will also grow. This job requires the assembly and installation of desktops, keeping all systems up to date with patches and security fixes, and helping end-users do their job more efficiently. The other duties of a desktop engineer are training the end user when new software or IT regulations come to a company, or implementing new strategies and making users comfortable with the technology.



### WHAT YOU WILL LEARN



#### Module 1: IT ESSENTIALS

- Install, configure, and troubleshoot computers and mobile devices.
- Identify common security threats like phishing and spoofing.
- Develop critical thinking and problem-solving skills using both real equipment and Cisco Packet Tracer.
- Prepare for CompTIA A+ Certification.



#### Module 2: LINUX ESSENTIALS

- Acquire open source concepts and progressively master Linux commands.
- Understand how Linux is used and the basics of its command line.
- Become skilled at using the Linux virtual machine for experiments.
- Prepare for LPI Linux Essentials Professional Development Certificate (PDC).



#### Module 3: CYBERSECURITY ESSENTIALS

- Understand security controls for networks, servers and applications.
- Learn valuable security principals and how to develop compliant policies.
- Implement proper procedures for data confidentiality and availability.
- Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.



#### Module 4: INTRODUCTION TO IoT (Internet of Things)

- Learn how the current digital transformation is creating unprecedented economic opportunity.
- Understand how the IoT is bridging the gap between operational and information technology systems.
- Discover how standard business processes are being transformed.
- The security concerns that must be considered when implementing IoT solutions.

\* Official Certificates to be obtained at the end of program (IT Essentials/CompTIA A+, LPI Linux Essentials, Cybersecurity Essentials, Introduction to IoT)

\* International Certifications achievable after the end of the program (IT Essentials/CompTIA A+, LPI Linux Essentials)