



GNT CYBERSECURITY
SCHOLARSHIP 2020



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CYBERSEC ANALYST

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Cyber security analysts help to protect an organisation by employing a range of technologies and processes to prevent, detect and manage cyber threats. This can include protection of computers, data, networks and programmes. Broadly, you can work in one of the following areas: consulting, offering advisory services to clients working to protect the security of the organisation you work for. Job titles vary and may include information security analyst, security analyst, information security consultant, security operations centre (SOC) analyst and cyber intelligence analyst.



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: Cisco Certified Cyberops Associate

- Deepen knowledge in how best to detect and respond to security incidents.
- Gain job-ready, practical skills in cybersecurity operations.
- Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.
- Prepare for Cisco Certified Cyberops Associate Certification.

* Official Certificates to be obtained at the end of program (IT Essentials/CompTIA A+, Cybersecurity Essentials, LPI Linux Essential, Cisco Certified CyberOps Associate)

* International Certifications achievable after the end of the program (IT Essentials/CompTIA A+, LPI Linux Essential, Cisco Certified CyberOps Associate)

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What you'll do

Secure information and networked systems; respond to security events; plus, protect systems from cybersecurity risks, threats and vulnerabilities.



Sample job titles

Security Operations Center (SOC) Analyst, Incident Responder, Security Analyst, Vulnerability Analyst, Threat Intelligence Analyst, Security Administrator



Projected job growth

Demand expected to rise to 6 million globally by 2019, with a projected shortfall of 1.5 million qualified candidates.



Who hires for this skill?

Governments and any organization with a network.