

Programme Title	Certificate: Network Technician
Duration	±6 months
Admission Requirements	English Proficiency Basic Computer Skills
Programme type	Available in Full time and Part time

Overview

This course is designed to provide network technicians and support staff with the foundation level skills they need to install, operate, manage, maintain, and troubleshoot a corporate network.

This course will help prepare students for the CompTIA Network+ exam N10-005 certification exam.

Network+ Exam Number: N10-005

Subjects:

- Introduction to Network.
- The Open Systems Interconnection Specifications.
- Networking Topologies, Connectors and Wiring Standards.
- The Current Ethernet Specifications
- Networking Devices
- Introduction to Internet Protocol
- IP Addressing
- IP Subnetting, Troubleshooting IP and Introduction to NAT.
- Introduction to IP Routing
- Routing Protocols
- Switching and Virtual LANs (VLANs)
- Wireless Technologies
- Authentication and Access Control
- Network Threats and Mitigation.
- Physical and Hardware Security.
- Wide Area Network
- Command-Line Tools
- Software and Hardware Tools
- Network Troubleshooting
- Management, Monitoring and Optimization.

Certification upon successful completion

- Provider Network Technician Certificate
- Optional: CompTIA Certificate N+ on successful completion of CompTIA exams

