



Network Technician

Course Description:

This course prepares students for employment in the field of Information Technology / Electronics. Students participating in this course will learn Administering and Configuring Windows Server. Being a Network Technician is one of the most challenging and highly paid fields in Information Technology. During the Network Technician program, you'll learn to install, design, manage, operate, plan, troubleshoot and secure an information technology infrastructure providing reliable, scalable, consistent, responsive, and secure enterprise network services.

The scope of topics covered in the program will be on local area networks and system administration. Once you graduate the Network Technician Diploma program you'll gain proficiency in the administration of Linux and Windows-based platforms.

Students will gain knowledge and skills required to work as a Hardware Installation Coordinator, Network Administrator, Network Support Technician, Network Operator, Local Area Network (LAN) Administrator, and Local Area Network (LAN) Technician.

Course Outline:

Computer Literacy

Network+

Installing and Configuring Windows Server

Microsoft Cloud Fundamentals

Amazon AWS Technical Essentials

Google Cloud Fundamentals

Course Outcomes:

At the end of the course the student will be able to:

- Install, configure, optimize, upgrade, diagnose, troubleshoot and perform preventive measures for electronic devices.



- Perform network installation and configuration, network media and topologies, network management, and network security.
- Implement a network infrastructure in a small to medium-sized enterprise.
- Install and configure Windows Servers & Linux Server.
- Deploy applications, monitor operations, and manage enterprise solutions using google cloud technologies.
- Gain the knowledge and skills necessary to effectively demonstrate an overall understanding of the AWS Cloud.
- Gain the Foundational knowledge of cloud services and how those services are provided with Microsoft Azure.

Career Opportunities

Graduates of this certificate program will be able to start their career with entry-level positions in medium to large-sized companies as an:

- Desktop Support Specialist
- Network Technician
- Technical Support Technician
- Computer Technician
- Computer systems analyst
- Computer Hardware Technician
- Computer System Technician

Course Duration:

180 Hours