

Introduction to TELECOM

Description:

This course presents many technical concepts involved in both voice and data networking. It is designed for individuals new to telecommunications industry, new to a position or in non-technical positions who wish to develop a basic understanding of the “how and why” of voice and data communications systems, network and terminology.

Objectives:

- To comprehend the fundamentals of voice , data and video communications technology
- Study the components voice networks, such as carrier switches , Routing, PBX's,T1 trunks
- Study the components of data networks such as modems, virtual circuits, hubs,switches and routers
- Learn about technologies such as Frame Relay , ATM,MLPS, Ethernet and TCP/IP
- Explore voice, data and video convergence with “triple play” and “quad play”

Course content:

- Network Components , Terms & Concepts
- Basic Voice Telephony
- Backbone and Access Circuits
- Introduction to Data Networking
- Local Area Networks (LAN)
- Network Convergence: The future of Voice , Data and Video

Delivery type:

The training is scheduled for 2 days and is instructor led.
One day is divided in two modules of 3 hours each.