

Telecom for Managers and Executives



NetForce Solutions, Inc.
17281 Simmons Road
Purcellville, VA 20132

phone (540) 338-5824
fax (509) 757-1661

info@netforcesolutions.com

www.netforcesolutions.com

Length: 1 day

Course Code: NFSETEL01

Prerequisite: None, however a basic understanding of telephony and/or data communications will be helpful.

Course Overview: This course is designed to help the telecom executive understand the industry and basic technology concepts

*This course can be customized or combined to meet specific requirements

Course Outline

Overview of Telecommunications Industry

- Brief History
- Major technological advances
- Standards
- Regulatory Bodies
- Major players

Telecommunication basics

- Analog v/s digital
- LANs, WANs, and MANS
- Bandwidth v/s speed
- Multiplexing concepts

Overview of the OSI model

- Purpose
- Layer descriptions

Voice Networks

- Traditional systems/technologies
- Modern systems/technologies
- Emerging trends

Data Networks

- Traditional systems/technologies
- Modern systems/technologies
- Emerging trends

Internetworking

- Multiple systems/technologies

Evaluating network requirements

- Trends
- Network Design
- Expandability
- Upgrade ability
- Connections to “The World”
- Return on Investment

Assessing an operational system

- Percent of Reliability
- Percent of Availability
- Service Level Agreements (SLAs)
- Carrier/Vendor Contracts
- When to upgrade?

The Future

- Key players and trends
- Emerging technologies
- Projected networks



NetForce Solutions, Inc.

17281 Simmons Road
Purcellville, VA 20132

phone (540) 338-5824

fax (509) 757-1661

info@netforcesolutions.com

www.netforcesolutions.com