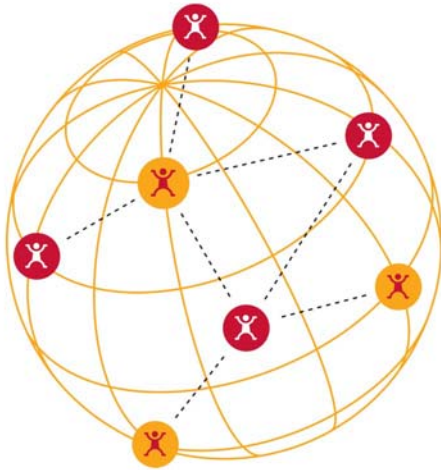


TRAINING PROGRAM OUTLINE



ENG-105E PRIMER ON TELECOM TECHNOLOGIES & SERVICES

DESCRIPTION

A 1-day Training Program to provide participants with a general overview of technologies and services in telecommunications.

OBJECTIVES

- Make participants aware of the working principles behind telecommunications networks
- Demystify acronyms
- Present the need for networks and the technologies that support them
- Provide a knowledge of the concepts in a way that allows participants to position the technologies and services in relation to communications needs



TOPICS

- The evolution of telecommunications networks
 - Architecture and key elements of networks
 - Transmission and distribution
 - Switching
 - Dedicated lines
 - Signalling
 - Digital technology

- Overview of various networks
 - Telephone networks
 - Data networks
 - Public and private networks

- New networks
 - Next Generation Network (NGN) concepts
 - IP and Internet concepts
 - Advantages & disadvantages of these new networks

- Wireless telecommunication technologies
 - The evolution of wireless networks (fixed and mobile)
 - Fixed wireless technologies
 - Wi-Fi
 - WiMAX
 - Advantages & disadvantages vs. cable access

- Services, applications and evolution
 - Examples of services and applications
 - Challenges with respect to evolution
 - For operators
 - For users

- Synthesis
 - Interactive workshop
 - A glimpse into the future



TARGET AUDIENCE

- Anyone looking to complement their skill-set by gaining a general knowledge of telecommunications technologies and services

METHODOLOGY

Our Training Programs combine expert presentations, workshops, case studies and discussions on real-life situations faced by participants. Complete training material is provided to all participants for future reference and follow-up action plans.

LOCATION

Our Training Programs are held at regular intervals in selected cities around the world. Upon request, our expert trainers can lead Training Programs at the location of your choice. If interested, please contact us at neotelis.training@neotelis.com.

EXPERTISE

Neotelis provides consulting and training services to telecommunications organizations worldwide. Its team of experts has trained thousands of executives and managers working for operators, regulators, policy-makers and governments in over 100 countries around the world.

