



ENG-105 - Primer on Current and Future Telecom Technologies & Services



PRIMER ON CURRENT AND FUTURE TELECOM TECHNOLOGIES & SERVICES



Neotelis can also deliver an in-house session of this course specifically for your organisation.
Please contact us at training@neotelis.com for more information and a Proposal.

Description

The telecommunications industry is continuously changing with new technologies and services being launched every day. Success in this environment thus requires an understanding of current and emerging technologies and services.

This 1-day course provides participants with a global understanding of current and future telecom technologies and services.

Learning Outcomes

Upon completion of the course, participants will be able to:

- Recognize market evolution and trends
- Identify and describe current and future telecom technologies and services

Topics

Market evolution and trends

- Growth of data, broadband, mobility, social networks, cloud services, new cable systems, infrastructure sharing, LTE/4G, others
- New telecom players: Global infrastructure providers, media/content providers, OTT players and others (Google, Facebook, etc.)
- Vertical and horizontal convergence

New services and offers

- Digital services
- VoD, mobile money, mobile fulfilment, cloud services, OTT apps, Machine to Machine (M2M) and Internet of Things (IoT), VoWiFi, Bring Your Own Device (BYOD), collaboration, Unified Communications (UC), geolocation

Technologies and networks

- Key network concepts: core versus access networks, transmission, media, switched versus packet networks
- Network trends and evolution
- Broadband access networks:
 - Fixed: FTTx, DSL, Coax, hybrid,
 - Wireless: WiFi, WiMAX, 3G/4G
- Next Generation Networks (NGN): convergence, VoIP, SIP,
- Mobile network technologies: 3G, 4G LTE, WPAN, roaming
- Support systems : Business Support System (BSS), Operational Support System (OSS)

A glimpse into the future

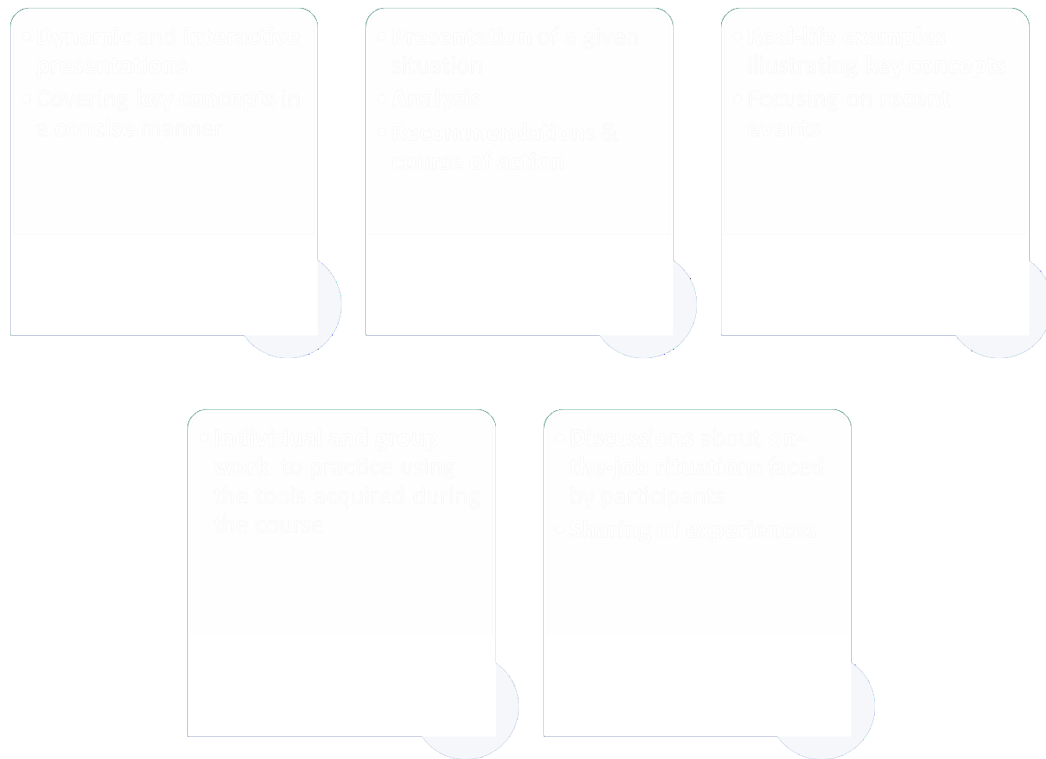
- 5G
- Software-Defined Networking (SDN)
- Network Functions Virtualization (NFV)
- Machine-to-Machine (M2M) and the Internet of Things (IoT)
- State-of-the-art security

Target Audience

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

Methodology

A combination of engaging activities and dynamic presentations to stimulate and maximize participants' learning.



Location

A selection of Neotelis' training courses is held in various cities around the world. Please contact us at training@neotelis.com for the complete Yearly Training Calendar.



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About Neotelis

Neotelis provides training, consulting, conferences and publications to the telecommunications industry worldwide. Its team of senior experts has trained thousands of executives and managers working for operators, regulators, policy-makers and governments in over 120 countries around the world.

... Telecom Leaders Use Neotelis. Don't Get Left Behind! ...



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