Course ID	Course Title
5G-HILITES	**5G Highlights Training**
Course Duration	
1-2 days	

Aimed At *5G Highlights Training* is aimed at technical, managerial, marketing/sales, and other professionals who require a high-level overview of 5G Wireless.

Prerequisites *5G Highlights Training* requires a background in Information Technology or Telecommunications.

Related Courses
- *5G Wireless Technology/Applications* (5GTA, 5 days)

Course in a Nutshell *5G Highlights Training* discusses the drivers, use cases, requirements, standardization, and technology of 5G Wireless followed by an overview of 5G New Radio and network architecture.

Customize It! We can tailor the content, tech level, and duration of *5G Highlights Training* to the needs of your team.

Outline **5G Highlights Training Section 1: 5G Business Vision**

- What Is 5G
- Roadmap to 5G
- 5G Technology Drivers
  - Major equipment vendor development Status
  - Major operator perspective and deployment plan

5G Highlights Training Section 2: 5G Requirement and Development plan

- 5G Use Cases
  - High capacity
  - Low latency
  - Massive Machine Type (IOT)
- 5G Requirements
  - Requirement parameters
  - ITU-IMT-2020
- 5G Standardization
  - 3GPP standards for 5G: Features and technical proposals
  - 3GPP Timeline

5G Highlights Training Section 3: A Technology Overview

- How 5G Will Differ from 4G
- 5G Spectrum Platform
    - USA 5G spectrum planning
    - International spectrum planning
    - Unlicensed spectrum
    - Spectrum sharing
- 5G High Bandwidth
    - Advantages
    - Challenges
    - Massive MIMO
- 5G Technology Enablers
- 5G Service Platforms

5G Highlights Training Section 4: 5G New Radio and Network Architecture

- 5G Network Architecture
- 5G New Frame Structure
    - What is OFDM
    - 5G NR scalable frame structure
    - Downlink processing
    - Uplink processing
    - 5G network acquisition
- 5G Coexistence with LTE
    - 5G dual connectivity
- Highlights of 5G Network Architecture

5G Highlights Training Wrap-up: Recap and Discussion

DCN PnTM-f