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## VoIP Technologies

**Duración: 3 Días**    **Código del Curso: 0365C**

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### Temario:

This leader-led classroom course is designed for design and support specialists with a working knowledge of voice and data who need the fundamentals of Voice over IP technologies, including:

- Major components of the VoIP network
- Voice packetization
- Voice quality
- Bandwidth
- Traffic convergence issues
- VoIP standardization and protocols
- Network assessment.

This course is recommended to help you prepare for Nortel Certification.

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### Dirigido a:

Technicians and Engineers

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### Objetivos:

- Define the key infrastructure considerations to support the addition of VoIP traffic in a Local Area Network, Wide Area Network, and Wireless environments.
  - Apply knowledge of how voice is sampled and converted into IP packets to determine the appropriate CODEC and packetization interval required to meet customer VoIP bandwidth requirements.
  - Compare and contrast transport models, such as Voice over IP, Voice over Frame Relay, and Voice over AT.
  - Apply knowledge of the attributes of Real-Time Protocol to identify why it is ideal for handling packetized voice in an IP telephony environment.
  - Compare the unique attributes of User Datagram Protocol and Transmission Control Protocol.
  - Given customer bandwidth and voice quality performance requirements, choose the appropriate CODEC.
  - Describe standard voice quality measurement models, such as the Mean Opinion Score and the E-Model.
  - Determine bandwidth requirements based upon call volume and CODEC selection.
  - Given customer voice quality requirements, choose the appropriate method to implement Quality of Service.
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### Prerequisites:

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### Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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