



WIRELESS TRAINING

PROFESSIONAL SERVICES

Wireless LAN Basic Fundamental

Code: PS-TR-BSC-01

Duration : 1 days

Target Audience : Engineers new to the field of RF engineering, managers, or other personnel responsible for wireless LAN systems will benefit from a comprehensive understanding of wireless and RF fundamentals.

Course Description

Wireless LAN and mobility systems have become more pervasive and engineers with skills to address needs in this area are in demand. This course is designed for anyone needing a basic understanding of radio frequency (RF) and wireless LAN concept. The class provide a basic understanding of wireless LAN standard, antenna design and patterns, RF modulation, wireless LAN system design considerations and explain wireless LAN performance and optimization.

Course Outline

- ▶ Overview of Wireless Standards, Organizations, and Fundamentals
- ▶ Radio Frequency Fundamental
- ▶ Radio Frequency Components, Measurement and Mathematics
- ▶ Radio Frequency Signal and Antenna Concepts
- ▶ IEEE 802.11 Standards
- ▶ Wireless Network and Spread Spectrum Technologies
- ▶ Wireless LAN Topologies
- ▶ 802.11 Medium Access
- ▶ Wireless Devices
- ▶ Radio Frequency Site Survey

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