Certified Wireless Networking Associate (CWNA)
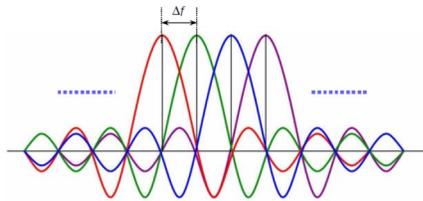
A wireless local area network (WLAN) links two or more devices using wireless distribution method (typically spread-spectrum or OFDM radio), and usually providing a connection through an access point to the wider Internet. Most WLANs are based on IEEE 802.11x standards. Wireless LANs have become popular in the home, offices and in commercial complexes offering wireless access to their customers. While implementing a WLAN in a home / small office could be simple. But implementing it for a large Enterprise or for a wide area (City Wi-Fi) involves proper planning and execution.
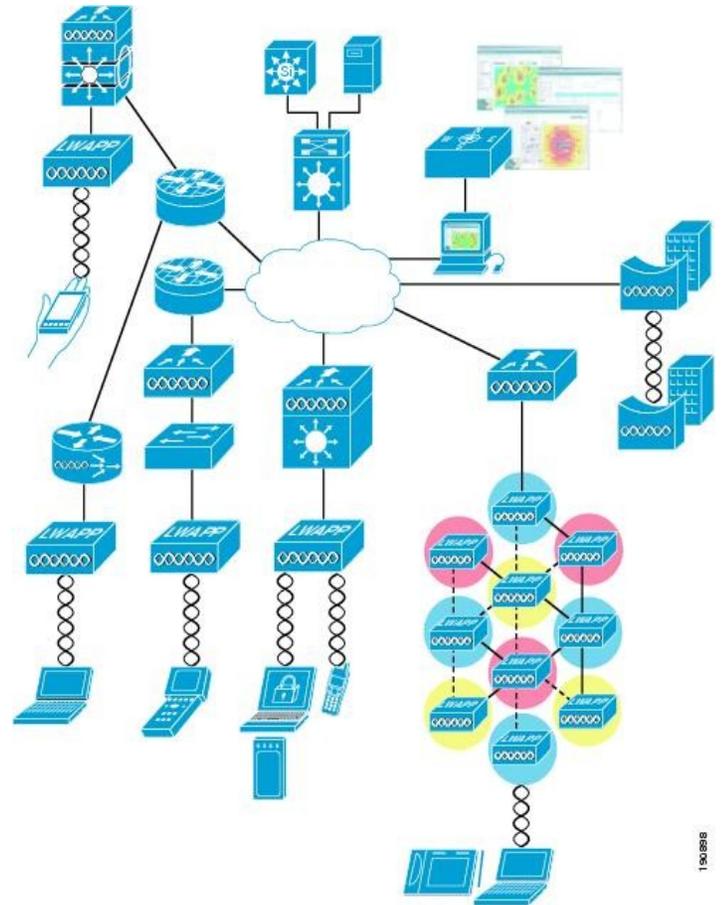
This training course is for Engineers who are keen to gain expertise in planning , implementing and troubleshooting Wireless LANs . The expertise can be of immense help in meeting expectation of the role engineers play in engineering, pre-sale or post-sale technical support, sales or marketing and later in managing such tasks as a manager. Given the rapid changes the Network technology is witnessing, having technical expertise is essential.

The course is designed for those who have little or no wireless (RF/MW) experience. The course will include lab exercises and lays a lasting foundation for a promising career in the networking technology

Course Contents

- Overview of Wireless Standards and Fundamentals
- RF Fundamentals, Components, Measurements, Mathematics and Antenna Concepts
- IEEE 802.11 standards
- Wireless Networks and Spread Spectrum Technologies
- Wireless LAN Topologies
- 802.11 Media access
- 802.11 MAC architecture
- WLAN Architecture
- WLAN Deployment and Vertical Markets
- WLAN Troubleshooting
- 802.11 Network Security Architecture (802.11)
- Wireless Attacks, Intrusion Monitoring and Policy

Course Contents (contd..)

- RF Site Survey fundamentals, survey systems and devices
- Power over Ethernet (PoE)
- High throughput (HT) and 802.11n

Course Duration

- 40 hrs

Training Options

- Classroom session at client site (Mon—Friday)
- Classroom sessions (Sat & Sun)
  Career Booster Technologies
  No.147/10, 4th Floor Krishna Mansion
  9th Cross, JP Nagar 1st Phase
  Bangalore - 560078.
- On-line sessions (Mon to Fri)
  Web conference tool (Audio / Video)

Contact us (for more details and a demo session)
  Email : training@cbtech.in