



# Building Training Solutions For the IT World

## Basics of Unified Communications 7.0 (BUC)

### Course Overview

This 5 day course is intended to be a technical introduction to Unified Communications and converged IP Networks. The course presents an incremental approach to designing, deploying and supporting an IT infrastructure for Unified Communications. The range of topics includes network technologies, Virtual LANs, Ethernet Switching, Analog Voice Gateways and TCP/IP. The discussion encompasses not only these topics but also how they specifically relate to the successful operation of a complex converged network as typically used in most corporate enterprise environments today. The class will introduce the technologies used to create a robust and reliable IT infrastructure and incrementally build on UC concepts throughout the week to finally incorporate full interoperability between legacy analog devices and VoIP components. Students will get hands-on experience and practice with TCP/IP design and subnetting. Additionally, students will be given hands-on exercises with Cisco Router Configuration and Cisco Unified Communications Manager 7.0 (formerly Cisco CallManager) and the support of legacy Analog and Cisco IP Telephones.

### Who will benefit from this course?

The target audience for this course includes anyone who needs to gain a basic understanding of a converged analog and VoIP environment: individuals with strictly a PBX or Telecom Service Provider background; individuals with a fundamental data networking background who are moving into the area of converged networks; individuals who are new to supporting data networking projects such as someone with a Project Management or Business Administration background.

### Prerequisites:

To fully benefit from this course, students should have the following prerequisite skills and knowledge:

- Basic computer literacy
- Basic Internet usage skills
- Basic windows navigation skills
- Basic e-mail usage skills

### Applicable Products:

- Cisco IOS Routers (2800/3800)
- Cisco Catalyst Switches (2900)
- Cisco Unified Communications Manager V6.0/7.0
- Cisco IP Telephones (7900)

### Related Courses:

- Administering Unified Communications Manager and Unity (AUCMU)  
(Unified Communications Manager 6/7 and Unified Unity 5.0)

