



## Enhanced Network Solutions Group

Systems Integration • Learning Solutions • CIO Consulting  
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7224 Engle Road - Fort Wayne, IN 46804 - Phone: (260) 432-1364 - Fax: (260) 432.3168

# IIUC Implementing Cisco IOS Unified Communications (v1.0)

IIUC Rev 04.10

## 5 days

### Description

This 5-day course provides the student with Unified Communications concepts, component definition, and high-level designs. This is also the core technology course in the certification path to achieve the CCNA Voice designation. Students will be able to implement and configure small to medium sized IP Telephony solutions. UC products covered during labs include the Cisco Unified Communications Manager Express/Cisco Unity Express and the UC500 Smart Business Communications System.

### Prerequisites

- ICND1

### Course Objectives

Candidates achieving the CCNA Voice certification should be capable of performing the following tasks:

- Describe the components of the Cisco Unified Communications Architecture
- Describe PSTN components and technologies
- Describe how to interconnect VoIP with service provider networks
- Implement a UC 500 system using Cisco Configuration Assistant
- Implement Cisco Unified Communications Manager Express to support endpoints using Cisco CLI Commands
- Implement Cisco Unified Communications Manager Express to connect to service provider networks using CLI commands
- Implement Cisco Unity Express in a Cisco Unified Communications Manager Express environment using CLI commands
- Perform basic maintenance and operations tasks to support UC 500 and Cisco Unified Communications Manager express deployments

### Course Outline

**Module 1: Introducing Voice over IP**

**Module 2: Cisco Unified Communications Systems Introduction**

**Module 3: Cisco Unified Communications Manager Express Implementation**

**Module 4: Cisco Unity Express Implementation**

**Module 5: Cisco Smart Business Communications System Implementation**



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