

# Implementing Cisco Unified Wireless Voice Networks v2.0

IUWVN



**Delivery Type:** Classroom

**Duration:** 5 days

## Overview

This course is designed to help you prepare for the professional-level CCNP Wireless certification, you will learn how to integrate VoWLAN services into the WLAN and to implement QoS and high-bandwidth applications into the wireless network. The training is reinforced with the use of hands-on labs in which you will learn to configure QoS on a controller, configure end-to-end QoS on a router, capture and analyze QoS parameters, manage the WLAN from the WCS, verify the network infrastructure as well as gaining a firm understanding of other key topics thus reinforcing your knowledge for deployment within your own environments.

## Pre-Requisites

**Attendees should meet some prerequisites:**

- CCNA in Wireless ( ICND1, ICND2 and IUWNE)

## Target Audience

Wireless network engineers, mid-level wireless support engineers, wireless test engineers, wireless network designers and other IT professionals tasked with installing, configuring, operating, and troubleshooting a WLAN.

Individuals wishing to attain the CCNP Wireless certification.

## Objectives

**After completing this program, you will be able to:**

- Implement QoS for wireless applications using best practice guidelines
- Describe the evolution of voice from Traditional through VoIP architecture and finally into VoWLAN
- Design a wireless network for voice
- Implement a Voice over Wireless LAN network infrastructure
- Implement multicast in a wireless network

- Configure the wireless infrastructure for video and high bandwidth applications

### **Certification**

#### **Recommended preparation for exam(s):**

- 642-741 - IUWVN - Implementing Cisco Unified Wireless Voice Networks
- This exam is one of the four exams required to achieve the Cisco CCNP Wireless Certification

### **Follow on Courses**

#### **The following courses are recommended for further study :**

- Implementing Advanced Cisco Unified Wireless Security (IAUWS)
- Implementing Cisco Unified Wireless Mobility Services (IUWMS)
- Conducting Cisco Unified Wireless Site Survey (CUWSS)