![Asia Masters Center logo]

Implementing & Troubleshooting Unified Wireless Network

Implementing & Troubleshooting Unified Wireless Network

➡ Course Objective

- Describe the fundamentals of wireless networks
- Install a Cisco Unified Wireless Network
- Describe and configure a basic wireless client using either the default operating system or Cisco Wireless LAN (WLAN) adapter
- Configuration utilities
- Configure wireless security
- Manage the wireless network with Cisco WCS
- Maintain and troubleshoot a wireless network

➡ Target Audience

- Finance professionals
- Budgeting and planning managers
- Commercial managers
- Divisional managers
- Purchasing and supply chain managersProject managers

➡ <u>Course Outline</u>

Day 1

- ➢ WIRELESS FUNDAMENTALS
- ➢ Describing Wireless Networks and Topologies
- ➢ Describing WLAN RF Principles
- ➢ Describing RF Mathematics
- ➢ Describing Antennas
- ➢ Describing Spread Spectrum Technologies

Day 2

- ➢ Describing Wireless Regulation Bodies, Standards, and Certifications
- ➢ Examining Wireless Media Access
- ➢ Examining Non-802.11 Wireless Technologies and Their Impact on WLANs
- ➢ Reviewing the Wireless Frame Journey: End to End
- ➢ Identifying Design and Site-Survey Considerations
- ➢ BASIC CISCO WLAN INSTALLATION

Day 3

- ➢ Understanding Cisco Unified Wireless Network Basic Architecture Configuring a Controller
- ➢ Discovering and Associating with a Controller
- ➢ Describing Access Point Operational Modes Roaming
- ➢ Managing the Network from the Controller
- ➢ Configuring and Migrating Standalone Access Points
- ➢ WIRELESS CLIENTS

- ➢ Using Default
- ➢ Configuration Tools
- ➢ Configuring the Cisco AnyConnect Secure Mobility Client
- ➢ Understanding the Cisco Compatible Extensions Program
- ➢ WLAN SECURITY

Day 4

- ➢ Describing WLAN Security Components
- ➢ Establishing IEEE 802.11 Security
- ➢ Centralizing WLAN Authentication:
- ➢ Describing EAP Authentications
- ➢ Managing Authentication and Encryption Through WPA and WPA2
- ➢ Configuring Wireless Security on Controllers and Clients
- ➢ CISCO WCS BASICS

Day 5

- ➢ Introducing Cisco WCS and Cisco WCS Navigator
- ➢ Navigating the Cisco WCS Interface
- ➢ Working with Controllers from Cisco WCS
- ➢ Working with Preconfigured Maps
- ➢ Monitoring the Network with Cisco WCS
- ➢ Working with Cisco CleanAir in Cisco WCS
- ➢ 6 - WLAN MAINTENANCE AND TROUBLESHOOTING
- ➢ Maintaining the System
- ➢ Troubleshooting a Wireless Network

➢ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
- All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

The Cost Of The Training Program Includes The Following:

1) Scientific article on flash memory.
2) Training Room.
3) Training.
4) Coffee break.
5) The training bag includes all the tools for the course.

Asia Masters Center

Price (USD)
Communicate with the training department to know the participation fees ➤ **There are offers and discounts for groups**
The details of the bank account
Bank name: CIMB Bank Berhad **Account name: Asia Masters Center SDN. BHD** **Bank account number: 80-0733590-5** **Swift code: CIBBMYKL** **IBAN: Null**