

## CI - BCMSN Building Cisco Multilayer Switched Networks

### Summary

#### Duration

5 Days

#### Vendor

Cisco

#### Category

CCNP/CCDP



### Introduction

CCNP Training for advance skills in building Enterprise level switched networks and applications. Integrate Advance Technologies such as VoIP and Wireless.

### Prerequisites

CCNA

### Course Objectives

In this course, students will learn how to create an efficient and expandable enterprise network by installing, configuring, monitoring, and troubleshooting network infrastructure equipment (especially Catalyst Multilayer Switches) according to the Campus Infrastructure module in the Enterprise Composite Network model. The campus switched network includes converged IP data, IPC (voice), and Airspace WLAN (Wireless) connectivity.

### Course Outline

- Introduction to Campus Networks
- Defining Virtual Networks (VLANs)
- Implementing Spanning Tree
- Implementing InterVLAN Routing
- Implement High Availability in a Campus Environment
- Wireless Client Access
- Minimizing Service Loss and Data Theft in a Campus Network
- Configuring Campus Switches to Support Voice

### Associated Certifications & Exams

The Building Converged Cisco Multilayer Switched Networks (BCMSN 642-812) is a qualifying exam for the Cisco Certified Network Professional CCNP® and the Cisco Certified Design Professional CCDP® certifications. The BCMSN 642-812 exam will certify that the successful candidate has important knowledge and skills necessary to implement scalable multilayer switched networks.

On successful completion of this course students will receive a Torque IT attendance certificate.