

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

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.

Who Should Attend: This course is for Channel Partners / Resellers, customers, and employees.

Prerequisites: Students should have taken CCNA (INTRO and ICNDv2.2 or newer).

Benefits of Attendance: Upon completion of this course, students will be able to:

- Create an efficient and expandable enterprise network.
- Install, configure, monitor, and troubleshoot network infrastructure equipment (especially Catalyst Multilayer Switches).

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