



CCNA 3 V5.0 (Scaling Networks)

Course Description:

This course discusses the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement a WLAN in a small-to-medium network.

Pre-Requisite:

- CCNA 2 V5.0 Routing and Switching Essentials

For Inquiries:

Call or visit us at the CCESC Office,
 Mapua Institute of Technology
 North Building, Ground Floor
 Contact no. 524-55-72
 Look for Ms. Rochelle or Ms.
 Vannie

Course Outline

1. Introduction to Scaling Networks
2. LAN Redundancy
3. Link Aggregation
4. Wireless LANs
5. Fine-tuning Single Area OSPF
6. Multi-area OSPF
7. EIGRP Advanced Configurations and Troubleshooting
8. IOS Images and Licensing

When: **Schedule:** Saturdays
 7:30 to 12:30PM*
 Class starts January 14-
 March 25, 2017

Where:
 Cisco Laboratory
 Mapua Institute of
 Technology
 Intramuros, Manila

Course Fee: 9,800**
**Fees are subject to change.
 VAT inclusive.*

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