



CCNA 2 V5.0

Routing and Switching Essentials

Course Description:

This course discusses the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks.

Pre-Requisite:

- CCNA 1 V5.0 Introduction to Networks

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 Switched Networks
2. Basic Switching Concepts and Configuration Static Routing
3. Implementing VLAN Security
4. Routing Concepts
5. Inter-VLAN Routing
6. Static Routing
7. Routing Dynamically
8. Single-Area OSPF
9. Access Control Lists for IPv4 and IPv6
10. DHCP
11. Network Address Translation for IPv4

When: Class starts January 14-
 March 25, 2017
 (Every Saturday)
 1:30-6:30PM

Where: Cisco Laboratory
 Mapua Institute of
 Technology
 Intramuros, Manila

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

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