Cisco | Networking Academy®
Mind Wide Open™

Certificate of Course Completion

CCNA Exploration: LAN Switching and Wireless

During the Cisco® Networking Academy course, administered by the undersigned instructor, the student was able to proficiently:

- Explain basic switching concepts and the operation and configuration of Cisco switches

- Describe enhanced switching technologies such as VLANs, VLAN Trunking Protocol (VTP), Rapid Spanning Tree Protocol (RSTP), Per VLAN Spanning Tree Protocol (PVST), and 802.1q

- Configure, verify, and troubleshoot VLANs, trunking on Cisco switches, inter-VLAN routing, VTP, and RSTP

- Identify, describe, and resolve common switched network media issues, configuration issues, autonegotiation, and switch hardware failures

- Identify and describe the purpose of the components in a small wireless network, such as Service Set Identification (SSID), Basic Service Set (BSS), and Extended Service Set (ESS)

Gurleen Singh
Student

Dehradun Institute of Technology
Academy Name

Location

March 29, 2012
Date

KHAN, JAHID
Instructor

Instructor Signature

March 29, 2012

Dear Gurleen Singh

Congratulations on completing the **CCNA Exploration: LAN Switching and Wireless** course as part of the Cisco Networking Academy. This hands-on, lab-oriented course has prepared you for exciting career opportunities in the technology industry.

By completing this course you have earned a Certificate of Completion for CCNA Exploration: LAN Switching and Wireless, and acquired competencies that include the following:

- Explain the technology and media access control method for Ethernet networks
- Explain basic switching concepts and the operation of Cisco switches
- Describe, configure, verify, and troubleshoot enhanced switching technologies such as VLANs, trunking, inter-VLAN routing, VTP, and RSTP
- Identify and describe the purpose of the components in a small wireless network, such as Service Set Identification (SSID), Basic Service Set (BSS), and Extended Service Set (ESS)
- Identify basic configuration parameters on a wireless network to ensure secure connection to access points

Technological literacy is more important today than ever before, and Cisco is proud to provide you with the knowledge and skills necessary to build and maintain computer networks.

Please accept my best wishes for your continued success.

Sincerely,

John Chambers

John T. Chambers
Chairman and Chief Executive Officer