Cisco Networking Academy
Mind Wide Open

Certificate of Completion

IT Essentials

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

- Select the appropriate computer components to build, repair, or upgrade personal computers.
- Explain how to correctly use tools and safely work in a lab.
- Install components to build, repair, or upgrade personal computers.
- Explain how to perform preventive maintenance and troubleshooting on personal computers.
- Install Windows operation systems.
- Perform management and maintenance of Windows operating systems.
- Configure computers to communicate on a network.

- Configure devices to connect to the Internet and Cloud services.
- Explain how to use, configure, and manage laptops and mobile devices.
- Explain how to configure, secure and troubleshoot mobile, OS X, and Linux operating systems.
- Install and share a printer to meet requirements.
- Implement basic host, data, and network security.
- Explain the roles and responsibilities of the IT professional.
- Troubleshoot advanced hardware and software problems.

Dani Haydar Nahleh
Student

Lebanese International University
Academy Name
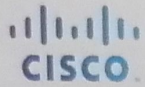
Lebanon
Location

Imad ElZein
Instructor

Feb 20, 2017
Date

Instructor Signature

Certificate of Course Completion

CCNA Routing and Switching: Introduction to Networks

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

- Understand and describe the devices and services used to support communications in data networks and the Internet
- Understand and describe the role of protocol layers in data networks
- Understand and describe the importance of addressing and naming schemes at various layers of data networks in IPv4 and IPv6 environments
- Design, calculate, and apply subnet masks and addresses to fulfill given requirements in IPv4 and IPv6 networks

- Explain fundamental Ethernet concepts such as media, services, and operations
- Build a simple Ethernet network using routers and switches
- Use Cisco command-line interface (CLI) commands to perform basic router and switch configurations
- Utilize common network utilities to verify small network operations and analyze data traffic

Dani Haydar Nahleh
Student

Lebanese International University
Academy Name

Lebanon
Location

Imad ElZein
Instructor

Feb 20, 2017
Date

Instructor Signature

Certificate of Course Completion

CCNA Routing and Switching: Routing and Switching Essentials

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

- Determine how a router will forward traffic based on the contents of a routing table.

- Explain how switching operates in a small to medium-sized business network.

- Use monitoring tools and network management protocols to troubleshoot data networks.

- Configure monitoring tools available for small to medium-sized business networks.

- Configure initial settings on a network device.

- Configure Ethernet switch ports.

- Implement VLANs.

- Implement static routing and RIPv2.

- Implement DHCP on a router.

- Implement network address translation (NAT).

- Implement access control lists (ACLs) to filter traffic.

Dani Haydar Nahleh

Student

Lebanese International University

Academy Name

Lebanon

Location

Hussein Wehbi

Instructor

Jul 10, 2017

Date

Instructor Signature