



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

Dale Sauls

Student

College of Cape Town Academy

Academy Name

South Africa

Location

Shameer Zwavel

Instructor

Oct 20, 2016

Date

Instructor Signature

College of Cape Town

Crawford Campus

Private Bag

Athlone 7750

Tel: (021) 696 5133/4/5

Fax: (021) 696 5136