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

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Ahmet Emin BEDİR
Student

Istanbul Technical University
Academy Name

Turkey
Location

Mehmet Burak Uysal
Instructor

Jun 3, 2016
Date

Instructor Signature