

Cisco Networking Academy Program

Semesters 1 and 2

Hicham El Barouti

In a timed and monitored environment, administered by the undersigned instructor, the student demonstrated the following competencies in a TCP/IP based network using Ethernet LAN media:

- Developed an IP address and subnet masking scheme for eight separate subnetworks deployed over a five-router network topology and applied this scheme to all router interfaces
- Configured routers for user and enabled passwords for both console and VTY (Telnet) lines
- Physically connected Layer 1 and 2 devices to router Ethernet interfaces
- Configured router Ethernet interfaces for IP implementation
- Physically connected router serial interfaces in a back-to-back lab configuration using a DCE/DTE cable combination
- Configured router serial interfaces using HDLC encapsulation and set the clock rate
- Configured routers to route IP traffic using the RIP distance vector routing protocol
- Configured routers to use the IP Host Name feature to resolve router host names via a local IP host table
- Monitored network traffic using router debug commands
- Troubleshoot network connectivity using the ping, Telnet, trace route, CDP neighbors, and other TCP/IP tools

Date: 03/23/2001

Academy Name: Universite de Moncton

Instructor: Kant, Christian

Academy Location: Moncton, CAN

Certificate#: 101233-266163-420945

