



## Certificate of Course Completion

Cisco | Networking Academy®  
Mind Wide Open™

# CCNA 2 Router and Routing Basics

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

- Identify the important characteristics of common WAN configurations and technologies, and describe the role of a router in a WAN
- Identify the major internal and external components of a router and describe the associated functionality
- Describe the purpose and fundamental operation of the router operating system (IOS)
- Perform, save, and test router configurations
- Identify, configure, and verify the use of static and default routes
- Evaluate the characteristics of routing protocols
- Identify, analyze, and troubleshoot simple distance vector routing protocols
- Use the commands incorporated within Cisco IOS Software to analyze and rectify network problems
- Describe the operation of the major transport layer protocols and the interaction and transportation of application layer data
- Analyze, configure implement verify and rectify access control lists within a router configuration

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Instructor

October 14, 2008

Date

Instructor Signature