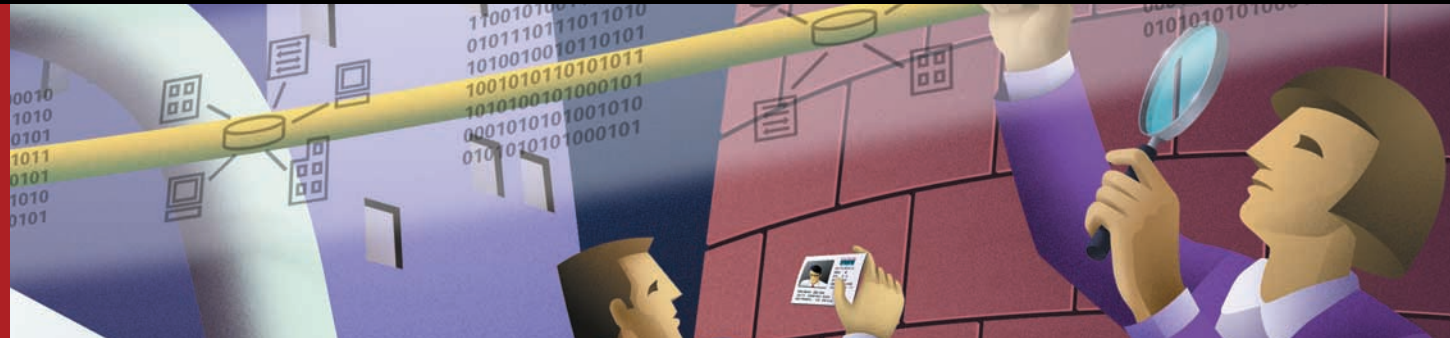# CISCO SYSTEMS
NETWORKING ACADEMY

Certificate of Course Completion
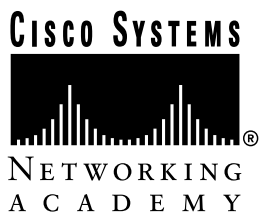
CCNA 2 Routers and
Routing Basics

Alan Kundel

Date : January 21, 2004
Instructor : Torpey, Robin
Location : Alfred
Academy Name : Alfred State College

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Instructor's Signature

During the Routers and Routing Basics course, administered by the undersigned instructor, the student demonstrated the following competencies:

- Proficient in Internetwork Operating System command set, configuration files, IOS images.
- Proficient using IOS commands to interrogate the router and the network.
- Proficient in manipulating the router start-up sequence.
- Proficient in manipulating router configuration files.
- Proficient in manipulating IOS image files.
- Proficient in completing a basic configuration on one router.
- Be able to identify multiple routing protocols and describe their data flow.

- Be able to identify multiple routed protocols and describe their data flow.
- Proficiently configure routing and routed protocols.
- Be able to troubleshoot routing and routed protocol problems.
- Be able to identify and describe the function of router components.
- Be able to configure and apply subnetting techniques to a multiple router topology.
- Proficiently configure a multiple router topology.
- Be able to troubleshoot problems in a multiple router topology.

January 21, 2004

Dear Alan Kundel

Congratulations! You have successfully completed CCNA 2 Routers and Routing Basics of the Cisco Networking Academy Program.

During the course, you have developed a solid foundation in the basics of networking, demonstrating knowledge of important concepts and skills, including the OSI model, Ethernet networks running TCP/IP, IP addressing, and structured cabling skills.

Information technology skills are in high demand given the explosive growth of the Internet as a practical business tool. Technological literacy is more important today than ever before, and Cisco is proud to provide you with the knowledge and skills to design, build, and maintain computer networks.

Wishing you continued success in CCNA 3!

Sincerely,

John Chambers
President and CEO
Cisco Systems, Inc.