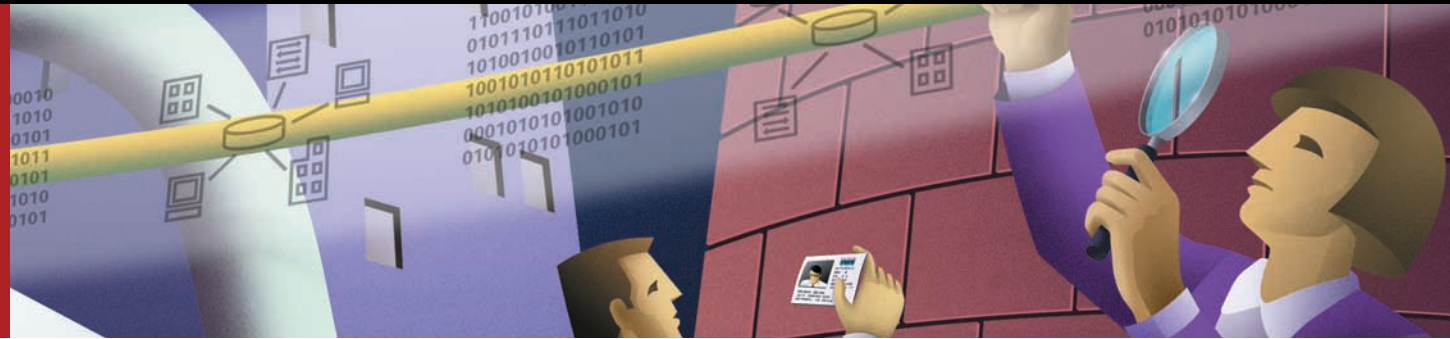


Certificate of Course Completion

CCNA 4 WAN Technologies



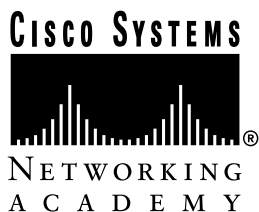
Dirk Fretz

Date : October 25, 2003
Instructor : Gulledge, Roger
Location : Phoenix
Academy Name : DeVry University,
Phoenix (ACC)

During the CCNA 4 WAN Technologies course, administered by the undersigned instructor, the student demonstrated the following competencies:

- Be able to identify and describe Frame Relay, ISDN and PPP .
- Be able to document a WAN design as displayed by a Threaded Case Study.
- Be proficient in the skills required to pass the CCNA Certification Exam.

Instructor's Signature



October 25, 2003

Dear Dirk Fretz

Congratulations! You have successfully completed CCNA 4 WAN Technologies 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!

Sincerely,

A handwritten signature in black ink that reads "John Chambers". The signature is written in a cursive, flowing style.

John Chambers
President and CEO
Cisco Systems, Inc.