

Certificate of Course Completion

CCNA 1 Networking Basics



Michal Svirak

Date : June 24, 2003
Instructor : Bernkopf, Jaroslav
Location : Valasske Mezirci
Academy Name : ISS-COP Valasske
Mezirci

During the Networking Basics course, administered by the undersigned instructor, the student demonstrated the following competencies:

- Be able to identify and describe IP Address Classes.
- Proficient in using the binary number system.
- Proficient in IP address subnetting techniques.
- Proficient in the use of the three basic Boolean functions (AND, OR, NOR).
- Be able to describe the purpose of the OSI Model and the functions of each layer.
- Be able to describe the process of data encapsulation
- Be able to make a patch cable.
- Proficient in detailing the specifications of networking media (copper, fiber, wireless).
- Be able to describe and apply CAT 5 cabling standards.
- Be proficient in the use of a cable tester.
- Proficient in planning, designing, and installing work group and peer-to-peer LANs.
- Be able to describe the purpose of the TCP/IP Protocol Stack (DoD Model) and the functions of each layer.
- Be able to identify which layer of the OSI Model specific TCP/IP protocols reside.
- Be able to compare and contrast the OSI Model and TCP/IP Protocol Stack.
- Proficient in detailing the specifications of Ethernet.
- Be able to identify and describe Ethernet families (10BaseT, Fast Ethernet).
- Be able to describe the function of MAC addresses.

Instructor's Signature

