



## CCNA Exploration: LAN Switching and Wireless

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

- Explain basic switching concepts and the operation and configuration of Cisco switches
- Describe enhanced switching technologies such as VLANs, VLAN Trunking Protocol (VTP), Rapid Spanning Tree Protocol (RSTP), Per VLAN Spanning Tree Protocol (PVST), and 802.1q
- Configure, verify, and troubleshoot VLANs, trunking on Cisco switches, inter-VLAN routing, VTP, and RSTP
- Identify, describe, and resolve common switched network media issues, configuration issues, autonegotiation, and switch hardware failures
- Identify and describe the purpose of the components in a small wireless network, such as Service Set Identification (SSID), Basic Service Set (BSS), and Extended Service Set (ESS)

Milan Mroczkowski

Student

Prirodovedecka fakulta UJEP

Academy Name

Location

Simr, Pavel

Instructor

March 15, 2011

Date

UNIVERZITA J. E. PURKYNĚ  
v ÚSTÍ NAD LABEM ②

Přirodovedecká fakulta  
katedra informatiky

400 96 Ústí n. L., Česká 11440/02.8

Instructor Signature