



BELLARMINE UNIVERSITY

Cisco Certified Network Associate (CCNA)

**Monday & Tuesday / Jan 9 – Apr. 23, 2012 (except Jan. 16) / 6 - 10 p.m.
\$3995, includes texts and exam voucher**

Upon completion of this course you will be equipped with working knowledge of:

- TCP/IP and OSI Networking Models
- Operating, Configuring and Troubleshooting Cisco Routers and Switches
- VLANs, VTP, Spanning Tree, Trunking and Etherchannel
- IP Subnetting, VLSM and Route Summarization
- Routing Protocols, Access Control Lists, WAN Topologies and NAT

Week 1	Lesson 1: Orientation, Network Layer 1 Fundamentals Lesson 2: Layer 2 Fundamentals
Week 2	Lesson 3: Layer 3 Fundamentals Lesson 4: Operating Cisco Devices
Week 3	Lesson 5: Operating Cisco Devices Continued Lesson 6: Operating Cisco Devices LAB
Week 4	Lesson 7: LAN Switching Introduction Lesson 8: LAN Switching VLANs and Trunks
Week 5	Lesson 9: LAN Switching Spanning-Tree Lesson 10: LAN Switching LAB Continued
Week 6	Lesson 11: TCP/IP Overview Lesson 12: IP Subnets
Week 7	Lesson 13: VLSM Lesson 14: IP Subnetting LAB
Week 8	Lesson 15: IP Subnetting LAB Review Mid-Term Exam
Week 9	Lesson 16: Implementing NAT Lesson 17: Implementing NAT Continued
Week 10	Lesson 18: NAT LAB Lesson 19: Introduction to routing protocols (RIP)
Week 11	Lesson 20: EIGRP Lesson 21: OSPF
Week 12	Lesson 22: Routing LAB Lesson 23: Routing LAB Continued
Week 13	Lesson 24: Network Security (ACLs) Lesson 25: Network Security LAB
Week 14	Lesson 26: IP WAN Services PPP Lesson 27: IP WAN Frame-Relay
Week 15	Lesson 28: CCNA Review Final Exam

Required texts (included in tuition):

CCNA Official Exam Certification Library (CCNA Exam 640-802), 3rd Edition

Instructor:

John P. Gutermuth is currently an executive-level IT director at a Fortune 10 corporation, responsible for IT security, risk management and regulatory compliance. He has 15 years experience working in corporate IT positions, and has been teaching IT training courses for 13 years. John is Cisco certified and specializes in networking, telecom and IT security.

**To REGISTER, call 502.272.8166
or
click here for registration form**

Deadline to register: Jan. 2, 2012

Refund Policy:

75% refund Jan. 2 – noon Jan. 9

50% refund Jan. 9 – noon Jan. 17

No refund after Jan. 17