

CISCO CERTIFIED NETWORK ASSOCIATE CERTIFICATE OF SPECIALIZATION



These certificates offer specific training for either entry-level positions or to augment related programs such as Network Administration, Web Development, Business Office Technology or Graphic Design. The certificates are designed to demonstrate a relatively narrow expertise or skill area that may be used to attain a computer industry “niche” job.

Students who complete the requirements below qualify for a certificate in that area of emphasis. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Program Learning Outcomes

Upon successful completion of this certificate, students will be able to:

- Plan, design, configure, test, and troubleshoot network topologies consisting of routers, switches, wireless routers, and PCs using: the Cisco IOS CLI; ip addressing; interior gateway protocols; HDLC, PPP and Frame-Relay WAN protocols; VLANs; NAT; DHCP; router and switch security techniques.

Certificate Requirements

| Code | Title | Units |
|--------------------|---|-----------|
| CIS-201 | Cisco Academy - Introduction to Networking | 3 |
| CIS-202 | Cisco Academy - Routing, Switching, and Wireless Essentials | 3 |
| CIS-203 | Cisco Academy - Enterprise Networking, Security, and Automation | 3 |
| CIS-209 | Cisco CyberOps | 3 |
| Total Units | | 12 |