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### ***PRESENCE IN INDIA WITH A FOCUS ON ONLINE TRAINING***

Vista College USA offers both Online and Classroom training in various degree programs and certifications across USA for over 25 years. We are proud to introduce Vista College India, a 100% Online Certification Training in Information Technology. With our successful and proven model for effective online training, students can now set their own hours and learn at their own pace to get the skills and training they need to gain the edge on today's top growing IT field.

**VISTA COLLEGE**  
**INDIA**



**CCNA (Duration - 90 Days)**

# About CCNA

CCNA Exploration offers in-depth theory, challenging labs, and a detailed overview of protocol operations. It is designed for students with advanced problem-solving and analytical skills, such as degree candidates in engineering, math, or science, or for working professionals who would like to advance their careers or gain certification. CCNA Exploration helps students prepare for successful IT careers in small-to-medium businesses, as well as enterprise and service provider environments

## Vista College India offers CCNA Certification Training



Enterprises depend on Cisco Network engineering to keep connected. CCNA certification training from Vista Technical, designed and developed by the experts equip you with the skills and expertise needed to help you get certified. The CCNA Exploration curriculum is composed of four modules:

### 01 NETWORK FUNDAMENTALS

- Use network protocol models to explain the layers of communications in data networks
- Design, calculate, and apply subnet masks and addresses
- Build a simple Ethernet network using routers and switches
- Employ basic cabling and network designs to connect devices
- Use Cisco CLI commands to perform basic router and switch configuration and verification
- Analyze the operations and feature of the transport and network layer protocols and services.

### 02 ROUTING PROTOCOLS AND CONCEPTS

- Configure and verify router interfaces
- Demonstrate comprehensive RIPv1 configuration skills
- Design and implement a classless IP addressing scheme for a network
- Use advanced configuration commands with routers implementing EIGRP
- Apply the basic RIPv2 configuration commands and evaluate RIPv2 classless routing updates
- Identify the characteristics of distance vector routing protocols.

### 03 LAN SWITCHING AND WIRELESS

- Troubleshoot common network problems at Layers 1, 2, 3, and 7 using a layered model approach
- Interpret network diagrams
- Perform and verify initial switch configuration tasks including remote access management
- Configure, verify, and troubleshoot VLANs, interVLAN routing, VTP, trunking on Cisco switches, and RSTP operation
- Manage IOS configuration files
- Identify the basic parameters to configure a wireless network and common implementation issues

### 04 Troubleshoot system components.

- Describe the impact of applications (Voice Over IP and Video Over IP) on a network
- Configure, verify, and troubleshoot DHCP and DNS operation on a router
- Verify, monitor, and troubleshoot ACLs in a network environment
- Configure and verify a basic WAN serial connection, a PPP connection between Cisco routers, and Frame Relay
- Configure and verify a PPP connection between Cisco routers, and Frame Relay on Cisco routers
- Troubleshoot WAN implementation issues

## CCNA certification can help you become

	Networking Administrator		Network Engineer		Network Support		Networking Analyst
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## CCNA Certification Advantages

It is true that Cisco products sells like hot cake. CCNA is the stepping stone for the IT organizations to acknowledge you as a serious candidate intrigued with pursuing a career in the networking industry. Of course there are other certifications, but Cisco has set a standard which this industry prefers.

## Support



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FOR FURTHER DETAILS AND CONTACT

[www.vistacollegeindia.com](http://www.vistacollegeindia.com)

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