

Designing for Cisco Internetwork Solutions (CCDA)

This course will provide you with the knowledge and skills required to achieve associate level competency in network design



Experts in Networking

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This course will enable delegates to understand internetworking requirements, identify solutions, and design the network infrastructure and services to ensure the basic functionality of the proposed solutions.

- **All exam topics are covered**
- **Authorised Cisco Instructors**

Course Pre-Requisites

Delegates are required to meet the following prerequisites:

- CCNA
- Attendance of the BCMSN is recommended.

Course	Course Objectives	Course Content
<p>Designing for Cisco Internetwork Solutions (CCDA)</p> <p>This course forms part of the following Cisco certifications</p> <p>CCDA CCDP</p> <p>Duration: 5 days</p> <p>Certification Required topics are covered for the Cisco exam 640-863 DESGN</p>	<p>Upon completion of this course, the delegate will be able to:</p> <ul style="list-style-type: none"> • Discuss methodology in network design • Describe how to structure and modularise the network design using the Cisco Enterprise Architecture • Design the Enterprise Campus and Enterprise Data Centre modules. • Design the Remote Connectivity modules as needed. • Design a network addressing plan and select a suitable routing protocol for a given network design. • Evaluate security solutions for the network. • Discuss the design implications of voice transport across the network. • Discuss the design implications of wireless networking 	<ul style="list-style-type: none"> • Applying a Methodology to Network Design • Structuring and Modularising the Network • Designing Basic Campus and Data Centre Networks • Designing Remote Connectivity • Designing IP Addressing and Selecting Routing Protocols • Evaluating Security Solutions for the Network • Identifying Voice Networking Considerations • Identifying Wireless Networking Considerations • Implementing and Operating the Network Design