

DESIGN

Designing for Cisco Internetwork Solutions 2.1



This course will enable learners to gather customer internetworking requirements, identify solutions, and design the network infrastructure and elements to ensure the basic functionality of the proposed solutions. The purpose of this course is to provide learners with the knowledge and skills to achieve associatelevel competency in network design. The DESGN course is the first course in a design curriculum that supports the design certification track. The course focuses on the technology and methods currently available.

Course Contents

- Network Design Methodology Overview
- Structuring and Modularizing the Network
- Designing Basic Campus and Data Center Networks
- Designing Remote Connectivity
- Designing IP Addressing and Selecting Routing Protocols
- Evaluating Security Solutions for the Network
- Identifying Voice and Video Networking Considerations
- Identifying Design Considerations for Basic Wireless Networking

In this course, each student will receive the original Cisco Systems course documentation in English language.

Target Group

This course addresses network designers, account managers, and CCDA and CCDP certification candidates.

Knowledge Prerequisites

- Cisco CCNA certification
- Recommended: SWITCH - Implementing Cisco Switched Networks

Course Objectives

Upon completing this course, the learner will be able to meet these overall objectives:

- Discuss methodology in network design
- Describe how to structure and modularize the network design using the Cisco Network Architectures for the Enterprise
- Design the enterprise campus, and describe the architectural approach to the data center and virtualization market
- Design the enterprise edge and remote modules as needed
- Design a network addressing plan and select suitable routing protocols for a given network design
- Evaluate security solutions for the network
- Discuss voice and video networking considerations in the enterprise network design
- Recommend a design for a basic wireless solution



Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.experteach-training.com under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +49 6074 4868-0.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



5 days €2,490 exclusive of V.A.T.

Course date (mm/dd/yy)/Location

01/23-01/26/12	Breda	07/23-07/27/12	Hamburg
03/19-03/23/12	Frankfurt	08/27-08/31/12	Frankfurt
04/17-04/20/12	Breda	09/24-09/28/12	Wien
04/23-04/27/12	Düsseldorf	09/24-09/28/12	München
06/11-06/15/12	München	10/29-11/02/12	Hamburg
06/11-06/15/12	Wien	12/03-12/07/12	Düsseldorf
06/19-06/22/12	Breda		

Up-to-date information: www.experteach-training.com DESG

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