

Building a Network Design

This training will familiarize you with all the fundamental best practices of planning, setting up, and implementing a network design. You'll learn how to apply proper design strategies in planning (PMP), Layer 2 (switching), wireless networks, firewalls, monitoring, and diagramming.

[CBT Nuggets course material](#) →

WEEK 1

Professional Course: Building a Network Design that Works 153 min.

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Understanding CBT Nuggets' Pro Course: Building a Network Design that Works	7
Building a Fan Club: Setting Expectations	10
PMP in 10 Minutes: Create the Plan	21
Cabling: Build a Reputation	22
Switching: Core Design	23
Switching: VLAN Design	18
Switching: STP Design	18
At the Core: The Subnetting You'll Need	22
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WEEK 2

166 min.

Hands On: Layer 3 Switch Configuration	29
Edge: Edge Network Design	23
Monitoring: SNMP Crash Course	21
Monitoring: Configuring Network and Server Monitoring	22
Wireless: WAPs and Placement	28
Wireless: Controller and WAP Configuration	24
Diagramming: Becoming a Visio Ninja	19

WEEK 3

1 min.