



© 2000. All rights reserved.  
Black Box Corporation.

# BLACK BOX NETWORK SERVICES

## COMPUTER-BASED TRAINING COURSES

*Turn any multimedia PC into a training center  
with these computer-based training programs.*

Why pay thousands of dollars to send several employees to classroom-based training courses when you can get the same quality training with one copy of a Black Box® Computer-Based Training Course? Not only do you save on class fees and travel expenses, but employee training can be done whenever it's convenient for you. And since the course provides consistent training to everyone, the course exam is an objective way to evaluate what your employees have learned.

Each course provides IEEE and TIA/EIA standards-based training through audio-based, instructor-lead teaching. Every course includes a comprehensive exam. All students that pass the exam with a 75% or higher score receive a certificate of completion.

Courses are available in Personal (one-user) or Corporate (unlimited-user) versions. The Personal edition includes a printed exam, while the Corporate edition includes the exam on the CD.

Mail in your completed Personal-edition exam; if you pass, you'll receive a certificate of completion. The Corporate edition's CD immediately prints certificates of completion for students that pass the exam.

Average time spent on the course is 5 hours for the Structured Cabling Systems or 10BASE-T Ethernet LANs courses, 6 hours for the Gigabit Cabling System course, and 8 hours for the 100BASE-T Ethernet LANs, Category 5 Cabling, or Fiber Optic Cabling Series.

Here's what you'll learn in each course.

### **10BASE-T Ethernet LANs**

A must-have for understanding 10BASE-T LANs and their cabling requirements. This course describes the components, standards, cabling requirements, and tells you how to design 10BASE-T Ethernet LANs per IEEE and TIA/EIA specifications.

### **100BASE-T Ethernet LANs**

Since there's a big push to upgrade to 100BASE-T, this course will familiarize you with the components, standards, cabling requirements, and how to design 100BASE-T Ethernet LANs according to IEEE and TIA/EIA specifications. This training course is especially helpful in explaining the operation of the different physical layers in the 100BASE-T standard.

### **Structured Cabling Systems**

This is a comprehensive course that defines the different subsystems of a structured cabling system. Learn how UTP, STP, and fiber optic cabling would be used to build a structured cabling system.

### **Category 5 Cabling**

Through a series of four modules, this course teaches you to properly install, terminate, and test Category 5 cabling systems. This course covers TIA/EIA-defined methods and standards thoroughly.

### **Fiber Optic Cabling Series**

Learn how to properly install, terminate, and test fiber optic cabling systems using the TIA/EIA-defined methods.

### **Gigabit Cabling System**

This course gives you a complete understanding of Gigabit Ethernet and the requirements for high-performance network cabling systems. Learn about the four Gigabit Ethernet physical layers, new cabling specifications, installation and testing procedures, and the impact Gigabit Ethernet LANs will have on both UTP and optical fiber cabling.

## System Requirements

- IBM compatible 486, 66-MHz or higher computer
- 8 MB of RAM
- 10 MB of free disk space
- Microsoft® Windows® 95, 98, NT™ 3.51 or higher
- CD drive
- Sound card and speakers
- Printer (for the Corporate Edition)
- System display set for 256 colors
- Set screen resolution at either 640 x 480 or 800 x 600

## Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a

vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

## The Complete Package

- The CD for your training program.
- A users' manual.
- Test form for the Personal Edition.

## Ordering Information

ITEM	CODE
Computer-Based Training Courses	
Fibre Optic Cabling Series	
Personal Edition .....	TR100A
Corporate Edition .....	TR101A
10BASE-T Ethernet LANs	
Personal Edition .....	TR102A
Corporate Edition .....	TR103A
100BASE-T Ethernet LANs	
Personal Edition .....	TR104A
Corporate Edition .....	TR105A
Structured Cabling Systems	
Personal Edition .....	TR106A
Corporate Edition .....	TR107A
Category 5 Cabling	
Personal Edition .....	TR108A
Gigabit Cabling System	
Personal Edition .....	TR110A
Corporate Edition .....	TR111A