



Course Features

- Instructor-led training online
- Custom Multimedia presentations
- Live instructor support
- Live virtual labs
- **Free Upgrades**
- **Money-back guarantee***

Live Instructor Support Package

- Participate in our live technical webinars featuring our in-house instructors.
- Speak off-line directly with our instructors.

Live Classroom Training and Remote Virtual Boot Camps

- Customized training solutions for individuals and organizations. Call for information.

Live Virtual Labs

- Login to a virtual machine and practice with real equipment
- Chat with instructors and other students around the world

Also Available

IT Certification Training Course Library Packages

BUOB's IT Training Course Library Subscriptions offer our entire range of training courses at substantial cost savings.

- CompTIA one-year library
- Microsoft one-year library
- Cisco one-year library
- Complete IT one-year library

BUOB Computer Training™ Virtual Classroom for Microsoft SQL Server 2008

Pro: Designing Database Solutions and Data Access (Exam 70-451)

BUOB Computer Training's [Microsoft Exam 70-451 training course PRO- Designing Database Solutions and Data Access Using Microsoft SQL Server 2008](#) teaches database developers to design design SQL Server 2008 database strategies, database tables and programming objects, design a transaction and concurrency strategy, xml strategy, queries for performance and designing a SQL Server 2008 Database for maximum performance.

When you pass this exam, you earn credit towards the following certifications: MCITP Database Developer, SQL Server 2008.

As a Microsoft Certified Partner, BUOB Computer Training follows the approved Microsoft course curriculum, ensuring you receive the training and knowledge needed to succeed. BUOB Computer Training is so certain this course meets and exceeds the exam objectives, *we guarantee you will pass your exam!*

**If you fail the same exam covered by BUOB Computer Training's training on two (2) attempts within 180 days of purchase, a refund will be issued for the corresponding training package.*



COURSE OUTLINE

Course Introduction

- Instructor Introduction
- Course Outline

Module 1:

- Module Overview
- Table Design
- Data Integrity
- Data Types and Using a Filestream
- Indexing
- Module Review

Module 2: Physical Design

- Module Overview
- Server Design
- Physical Table Design
- Partitioned Tables
- Module Review

Module 3: Database Services

- Module Overview
- SQL Agent
- Service Broker
- Full Text Search
- Module review

Module 4: Security

- Module Overview
- Authentication
- Authorization
- Module Review

Module 5: Creating Objects

- Module Overview
- Views
- Stored Procedures
- Functions and triggers
- Error Handling
- CLR Based Objects
- Module Review

Module 6: SQL Server Concurrency

- Module Overview
- Locks and Latches
- Isolation Levels
- Monitoring Locks and Managing Transactions
- Module Review

Module 7: XML

- Module Overview
- Retrieving XML Data
- Converting XML into Relational Data
- Querying XML Data
- Using the Nodes Method
- Utilizing the Modify Method
- Implementing Schemas
- Module Overview

Module 8: Improving Queries

- Module Overview
- Advanced TSQL
- Improving Performance
- Module Review
- Course Review
- Exam Tips