



[www.compvisions.com](http://www.compvisions.com)

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Albany, NY 12211

# Computer Visions Course Outline

## Get What You Want

We offer highly customizable group training courses: desktop applications, web development, networking & operating systems, technical certification, professional development & skills, help desk.

## Get It When & Where You Want It

All Computer Visions courses are available for presentation on-site or off-site for your convenience. We can roll out any combination of courses at one or more locations anywhere in the United States, according to your requirements and time table. Just let us know and we'll work with you!

## Corporate Training Solutions

Corporations look to us to train their employees. Why? Because our proven training methods have increased employee proficiency and productivity. We assign one person to each of our corporate clients to ensure quality service, and we also offer extranet Web registration, management, reporting and billing for all clients. Simplicity, quality and outstanding service are our hallmarks.

## Consulting Solutions

## 6158C: Updating your SQL Server 2005 Skills to SQL Server 2008

This course provides students with the knowledge and skills to upgrade SQL Server 2005 skills to SQL Server 2008

This course is intended for experienced SQL Server 2005 developers and database administrators who want to upgrade their skills to SQL Server 2008.

### Outline:

#### Module 1: Introduction to SQL Server 2008 Lessons

- The Evolution of SQL Server
- Preparing for SQL Server 2008

#### Lab : Exploring SQL Server Books Online

- Reviewing the SQL Server Books Online Tutorials
- Reviewing SQL Server Books Online

#### Module 2: SQL Server 2008 Manageability Enhancements Lessons

- Configuration Servers
- Policy-Based Management

#### Lab : Managing SQL Server 2008

- Creating a Configuration Server
- Creating and Applying a Policy

#### Module 3: SQL Server 2008 Performance Enhancements Lessons

- Managing Workloads with Resource Governor
- Monitoring Performance with the Data Collector
- Managing Performance with Plan Freezing

#### Lab : Optimizing SQL Server 2008

- Using Resource Governor
- Using the Data Collector

#### Module 4: SQL Server 2008 Security Enhancements Lessons

- Encrypting Databases
- Auditing All Actions

#### Lab : Securing a SQL Server 2008 Database

- Using Transparent Data Encryption

Consulting is about trust, service and accountability. Our consulting division is one of the fastest-growing around. Why? Clients trust us to provide excellent service and expertise. Visit our [consulting section](#) for more information.

#### **Classroom and Computer Rentals**

Need space and equipment to conduct specialized presentations or classes? We can help. With our world class classrooms and state of the art projection and presentation equipment, we take care of the details so you can have a successful presentation.

#### Module 5: SQL Server 2008 Database Development

##### EnhancementsLessons

- Developer Tool Enhancements
- Data Type Enhancements
- Working with Spatial Data

##### Lab : Developing Databases with SQL Server 2008

- Using Date and Time Data Types
- Using Spatial Data

#### Module 6: SQL Server 2008 Availability EnhancementsLessons

- Always On Technologies
- Transactional Peer-to-Peer Replication

##### Lab : Maintaining High Availability

- Configuring Peer-to-Peer Replication
- Adding a Replication Node

#### Module 7: SQL Server 2008 Data Warehousing

##### EnhancementsLessons

- ETL Enhancements
- Using Partitioned Tables
- Optimizing Data Storage

##### Lab : Data Warehousing with SQL Server 2008

- Using Change Data Capture
- Using the MERGE Statement
- Working with Partitioned Data

#### Module 8: SQL Server 2008 Reporting Services

##### EnhancementsLessons

- Reporting Services Architecture and Management
- Authoring Reports
- Report Processing and Rendering

##### Lab : Using SQL Server 2008 Reporting Services

- Creating a Report with Report Designer
- Managing Reporting Services

#### Module 9: SQL Server 2008 Analysis Services

##### EnhancementsLessons

- Multidimensional Analysis with SQL Server Analysis Services
- Data Mining with SQL Server Analysis Services

##### Lab : Using SQL Server 2008 Analysis Services

- Implementing Multidimensional Analysis
- Implementing Data Mining