



## Course 6158C Updating Your SQL Server 2005 Skills to SQL Server 2008

### Course Outline

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

**After completing this module, students will be able to:**

- Describe the evolution of SQL Server.
- Prepare for SQL Server 2008.

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

**After completing this module, students will be able to:**

- Create and use a configuration server.
- Create and use policies.

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

**After completing this module, students will be able to:**

- Manage workloads with Resource Governor.
- Monitor performance with the Data Collector.
- Manage performance with Plan Freezing.

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

**After completing this module, students will be able to:**

- Encrypt databases.
- Audit all actions.

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

**After completing this module, students will be able to:**

- Describe the developer tool enhancements in SQL Server 2008.
- Use the data type enhancements in SQL Server 2008.
- Work with spatial data.

#### **Module 6: SQL Server 2008 Availability Enhancements**

**After completing this module, students will be able to:**

- Describe the SQL Server 2008 always on technologies.
- Implement transactional peer-to-peer replication.

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

**After completing this module, students will be able to:**

- Describe the ETL enhancements in SQL Server 2008.
- Use partitioned tables.
- Optimize data storage.

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

**After completing this module, students will be able to:**

- Describe the Reporting Services architecture and management.
- Author reports.
- Understand report processing and rendering.

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

**After completing this module, students will be able to:**

- Implement multidimensional analysis.
- Implement data mining.