ASM Educational Center (ASM) *Est. 1992*

11200 Rockville Pike, Suite 220 Rockville, MD 20852 | **Phone**: 301-984-7400 | **Fax**: 301-984-7401
Web: www.asmed.com | **E-mail**: info@asmed.com

Administering Microsoft SQL Server 2012 Databases (Exam 70-462)

Course Outline

Lesson 1: Identifying the SQL Server Platform and Tools
Topic A: Overview of SQL Server Features
Topic B: Create Filegroups and Partitions

Lesson 2: Deploying SQL Server
Topic A: Install SQL Server
Topic B: Migrate SQL Server From a Previous Version

Lesson 3: Configuring SQL Server
Topic A: Configure Server Properties
Topic B: Configure Memory and CPU
Topic C: Configure Database Mail

Lesson 4: Managing Databases in SQL Server 2012
Topic A: Create a Contained Database
Topic B: Configure Database Options

Lesson 5: Managing SQL Server Security
Topic A: Configure Server Security
Topic B: Create Server Roles
Topic C: Configure Database Security

Lesson 6: Implementing Advanced Security Settings
Topic A: Create Certificate-Based Logins
Topic B: Apply Auditing and Policy-Based Management Strategies

Lesson 7: Applying Encryption and Compression
Topic A: Apply Encryption on Databases
Topic B: Compress a Database Table

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Lesson 8: Working with Indexes and Log Files
      Topic A: Work with Full Text Indexes
      Topic B: Configure Advanced Storage and Indexing Settings
      Topic C: Configure Log Files

Lesson 9: Working with Backup and Restore
      Topic A: Perform a Backup
      Topic B: Restore a Database
      Topic C: Import and Export Data
      Topic D: Configure the SQL Server Agent

Lesson 10: Implementing High Availability
      Topic A: Work with Clustering
      Topic B: Work with Replication
      Topic C: Work with Mirroring and AlwaysOn
      Topic D: Work with Central Management Servers

Lesson 11: Optimizing Server Performance
      Topic A: Manage Server Performance
      Topic B: Optimize Indexes

Lesson 12: Troubleshooting Issues and Recovering Databases
      Topic A: Troubleshoot Database Issues
      Topic B: Perform a Database Recovery

Lesson 13: Performing Advanced Database Management Tasks
      Topic A: Manage Database Infrastructure
      Topic B: Configure SSIS