

Microsoft SQL Server Administration 5 Day Class

Instructor Led Training
Created by **Thoughtware Technologies,**



Course Overview

SQL Server includes a rich set of tools that go beyond the basics of querying and manipulating data. In this 5 day course, you will learn about the administrative features that are available in SQL Server. This course also examines other SQL Server essential application, support, and maintenance topics – features you can use for high-availability, stability, reliability, and scalability of databases.

Target Audience

This course is for those that are looking to implement and administer Microsoft SQL Server for a wide range of applications including GIS, Asset Management, Accounting, Billing, Website applications and so on.

Prerequisites and recommendations

Those taking this class must have a working knowledge of the Microsoft Windows Platform and a general understanding of databases.

Course Goals

After successfully completing this course you will have acquired the skills and knowledge needed to:

- Install and configure SQL Server
- Design and create an SQL Server Database
- Create SQL Queries and edit information
- Use SQL Server Management Studio
- Understand and implement security
- Optimize performance

Topics Covered

- SQL Server Installation
- Designing & Creating a Database
- Data Selection Queries
- Modifying Data
- Server Management Studio
- Understanding & Implementing Security
- Analyzing & Tuning Performance

Topics Covered (cont.)

- Automating Administrative Task
- Programming Replication
- Failover Clustering
- Database Mirroring
- Log Shipping
- Peer-to-Peer Replication
- Monitoring & Troubleshooting
- Implementing Service Brokers



Cost

The fee for regularly scheduled instructor led classes is \$2,200.00 per student. For on-site training, please contact us at gistraining@keckwood.com for a quote.

Discounts are available for groups or multiple orders. A minimum of four students are need to constitute an instructor led class. Payment or purchase order must be received prior to the start of class. Any cancellations must be made one week in advance of the class to receive a refund.

Other Classes Offered

- ArcGIS Desktop I: Getting to know GIS
- ArcGIS Desktop II: Tools and Functionality
- ArcGIS Desktop III: Analysis and Workflows
- ArcGIS Server Basics: Installation, Tweaks and Services
- Using AutoCAD Data in ArcGIS
- More.....

For information about this course, other GIS training offered or the full range of GIS/Mapping services provided by Keck & Wood, Inc. please contact:



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