

20+ hours of instructor-led training!

SQL Server 2000 Database Administration

• CourseId: 148 • Skill level: 200-500 • Run Time: 20+ hours (103 videos)

Course Description

This course is a soup-to-nuts course that will teach you how to choose your edition, install, configure and manage any edition of SQL Server 2000. You'll learn the details of security, backup and recovery, replication, disaster recovery, and server automation using jobs and database maintenance tasks. Also included are overviews of using Integration Services and much more!

Table of Contents

- 1 - Installing, Deploying, and Upgrading to SQL Server 2000
- 2 - Configuration: Services, Instances, Network Libraries, Port Numbers and More
- 3 - Administration: Tools, Utilities and Common Tasks
- 4 - Working with SQL Server Databases: Creation, Management and Best Practices
- 5 - SQL Server Security
- 6 - SQL Server Architecture: System Databases, System Tables, and Internals
- 7 - T-SQL Basics: Queries, Datatypes, Collations and Unicode, and more
- 8 - TSQL Programming: Stored Procedures, Variables, Functions and Triggers
- 9 - SQL Server Architecture: Indexes, Internals, and Query Plans
- 10 - Performance Tuning SQL Server - Profiler, Tracing and Performance Monitoring
- 11 - Backup, Recovery, Log Shipping and More - Disaster Recovery for SQL Server 2000
- 12 - Automating SQL Server 2000 with the SQL Server Agent
- 13 - How to Move and Copy Databases in SQL Server 2000
- 14 - Replication in SQL Server 2000

Pricing and Multi-User Licensing

LearnItFirst's courses are priced on a per user, per course basis. Volume discounts start for as few as five users. Please visit our website or call us at +1(877) 630-6708 for more information.

\$99.95

per user

- Purchasing this course allows you access to view and download the videos for one full year
- Course may be watched as often as necessary during that time

20+ hours of instructor-led training!

SQL Server 2000 Database Administration

• CourseId: 148 • Skill level: 200-500 • Run Time: 20+ hours (103 videos)

Who Is This Course Designed For?

People who have had some exposure to SQL Server but who have not undergone a full SQL Server 2000 DBA class. This is not a beginner-level course nor is an advanced course; it is intended for the beginner-to-intermediate and/or someone coming from another system (such as Oracle, DB2, or MySQL) who wants to learn how to administer a SQL Server.

Pre-Requisites

While a true beginner could take this course, it is actually recommended that you have at least 30 days experience working with SQL Server (or equivalent work experience with another database system) prior to taking this course.

About the Instructor

Scott Whigham is the founder of LearnItFirst.com, one of the web's most extensive video training libraries focusing on technical training. Scott is also an experienced consultant, trainer, and author with more than a decade of hands-on experience working with SQL Server databases, writing and debugging applications using Visual Studio, and performance tuning. Scott designed the architecture (websites, class libraries, and database) for the LearnItFirst.com websites and, most recently, was involved in upgrading the websites and support applications from Visual Studio 2005 to Visual Studio 2008 and to SQL Server 2008.



Before founding LearnItFirst, Scott had been an independent consultant since 1998 focusing on SQL Server and .NET performance tuning and data warehousing. Scott has been asked to speak and train at events in the United States and Europe. As an author, Scott has written courses on SQL Server and C# and VB languages as well as popular articles for top-selling magazines and the MSDN (Microsoft Developer Network) library.

Frequently Asked Questions

- *"How do I access the videos?"* You can access the videos 24/7 online via our website
- *"Do I have to have internet access to watch the videos?"* No! Users can download the videos to their hard drive.
- *"How long are the videos?"* The videos are broken into 10 minute task-oriented segments designed to teach you a single task
- *"How many videos are in a course?"* It depends on the topic; courses can have anywhere from 20 - 200 videos!

For More Details

Visit <http://www.learnitfirst.com/Course/148/SQL-Server-2000-DBA.aspx> for more information and to watch free sample videos from this course.

20+ hours of instructor-led training!

SQL Server 2000 Database Administration

• CourseId: 148 • Skill level: 200-500 • Run Time: 20+ hours (103 videos)

Videos in this course:

Chapter 1: Installing, Deploying, and Upgrading to SQL Server 2000

Viewed?

- 1.1 - Install Named Instance and View Files and Folders
- 1.2 - Installing SQL Server 2000 - Basic Overview
- 1.3 - Reason to Install SP3 - Buffer Overflow Attack using OPENROWSET
- 1.4 - Discussions on Decisions Such as What to Install, Optional Components, and Infrequently Used Terms
- 1.5 - Install SQL Server - Discussion of Collation Types and Recommendations
- 1.6 - Install SQL Server - Discussion of File Placement and Suggestions for High Performance
- 1.7 - Install SQL Server - Is Sharing SQL Server with IIS and Other Applications is Recommended?
- 1.8 - Install SQL Server - Discussions of Network Libraries Including Port Suggestions and Security Choices
- 1.9 - Part 1 - Installing Service Pack 4
- 1.10 - Part 2 - Installing Service Pack 4

Chapter 2: Configuration: Services, Instances, and more

- 2.1 - How to Change the SQL Server TCP IP Port Number Using the Server Network Utility
- 2.2 - Multiple Instances - Lecture on When They're Appropriate and Special Considerations
- 2.3 - SQL Server's Services - MSSQLSERVER, SQLAGENT, MSDTC and more
- 2.4 - Using Aliases and the Client Network Utility

Chapter 3: Administration: Tools, Utilities and Common Tasks

- 3.1 - Part 1 - An Overview of the Enterprise Manager for SQL Server 2000
- 3.2 - Building a Customized Microsoft Management Console (MMC) for Use with SQL Server
- 3.3 - Database Diagrams - An Introduction
- 3.4 - Enterprise Manager - Registering a server
- 3.5 - How to Upgrade The Documentation of SQL Server 2000 (Books Online)
- 3.6 - ODBC, DSNs, and UDLs - Creating Reusable Connection Information
- 3.7 - OSQL - What It Is and How to Use It

SQL Server 2000 Database Administration

• CourseId: 148 • Skill level: 200-500 • Run Time: 20+ hours (103 videos)

Videos in this course:(cont.):

Chapter 3: Administration: Tools, Utilities and Common Tasks

Viewed?

- 3.8 - Query Analyzer - Beyond the Basics (SQL Server 2000)
- 3.9 - Pt. 1 - Why Migrate From Microsoft Access to SQL Server?
- 3.10 - Pt. 2 - Migration and Upgrade Options for Moving From Access to SQL Server
- 3.11 - Pt. 3 - Using the Access Upsizing Wizard
- 3.12 - Pt. 4 - Viewing the Results and Doing Repairs
- 3.13 - Pt. 5 - Working with the .ADP File
- 3.14 - Pt. 1 - Using the DTS Wizards to Migrate Tables from Access to SQL Server 2000
- 3.15 - Pt. 2 - Using the DTS Designer to Migrate Tables from Access to SQL Server 2000
- 3.16 - Pt. 3 - Using Integration Services (SSIS) to Migrate Tables from Access to SQL Server 2005

Chapter 4: Working with SQL Server Databases

- 4.1 - An Overview of the Database Files - Data Files, the Transaction Log and Additional Data Files
- 4.2 - Creating Databases with the SQL Server Enterprise Manager
- 4.3 - Creating Our First Database - Three Techniques
- 4.4 - Enterprise Manager - Put Table On Filegroup
- 4.5 - How to Increase a Database's Size - Techniques for Increasing Data File and Transaction Log File Size
- 4.6 - How to Increase a Database's Size Using the SQL Server Enterprise Manager
- 4.7 - Setting Database Options Using the Enterprise Manager - Setting the Database State Options
- 4.8 - Shrinking Database Files and Removing Space from Your SQL Server Database
- 4.9 - Database Compatibility Levels and sp_dbcmtlevel

Chapter 5: SQL Server Security

- 5.1 - An Overview of the Fixed Server Roles for SQL Server 2000
- 5.2 - Creating SQL Server Authentication Logins in the Enterprise Manager
- 5.3 - Creating Windows Authentication Logins in the Enterprise Manager

SQL Server 2000 Database Administration

• CourseId: 148 • Skill level: 200-500 • Run Time: 20+ hours (103 videos)

Videos in this course:(cont.):

Chapter 5: SQL Server Security

- 5.4 - Peculiarities of the Database Role `ddl_admin`
- 5.5 - Schemas, Objects, and Ownership in SQL Server 2000
- 5.6 - Some Dangerous Stored Procedures - `xp_cmdshell`, `sp_OACreate`, and `sp_enum_dtspackages`
- 5.7 - SQL Server Authentication - SIDs, `syslogins`, `syslogins` and the Architecture of SQL Server Logins
- 5.8 - Part 1 - Network Libraries and Authentication Modes - Choosing What's Right for Your Organization
- 5.9 - Part 2 - Network Libraries and Authentication Modes - Choosing What's Right for Your Organization
- 5.10 - Part 1 - Cross Database Ownership Chaining - What It Is and When to Use It
- 5.11 - Part 2 - Cross Database Ownership Chaining - What It Is and When to Use It
- 5.12 - Part 1 - How to Change SQL Server Authentication Modes and Differences in Service Pack Levels
- 5.13 - Part 2 - How to Change SQL Server Authentication Modes and Differences in Service Pack Levels

Viewed?

Chapter 6: SQL Server Architecture: System Databases & System Tables

- 6.1 - Master Database - An Overview of Some of the Common System Tables and Objects
- 6.2 - Model Database - An Overview of How to Use It and When to Use It (SQL Server 2000)
- 6.3 - MSDB Database - An Overview of Some of the Common System Tables and Objects

Chapter 7: T-SQL Basics: Queries, Datatypes, Collations and Unicode

- 7.1 - Collations, Character Sets, Code Pages, and Sort Orders - How String Data Works in SQL Server
- 7.2 - Defaults and Rules in SQL Server 2000 - What They Are, How to Use Them and Best Practices
- 7.3 - Result sets, Recordsets, and the Client Server model
- 7.4 - Scalar, System, Built-In and Niladic Functions - What They Are and How to Use Them
- 7.5 - Aliasing in Queries - What It Is and How to Use It (SQL Server 2000)
- 7.6 - Auto-Numbering Rows with IDENTITY Columns - How Identity Columns Work
- 7.7 - Creating and Altering Views in the Enterprise Manager (SQL Server 2000)
- 7.8 - Creating Linked Servers to Microsoft Access (SQL Server 2000)

SQL Server 2000 Database Administration

• CourseId: 148 • Skill level: 200-500 • Run Time: 20+ hours (103 videos)

Videos in this course:(cont.):

Chapter 7: T-SQL Basics: Queries, Datatypes, Collations and Unicode

Viewed?

- 7.9 - Customizing SQL Server with International Error Messages and SQL Server 2000 Default Language
- 7.10 - Extended Properties in SQL Server 2000 - What They Are & Using Them to Generate Data Dictionary
- 7.11 - How to Return Identity Value for a Just-Inserted Row
- 7.12 - Interactive Help and Books Online - Using Context-Sensitive Help (SQL Server 2000)
- 7.13 - Linked Servers - How to Query Microsoft Excel Named Ranges and Worksheets (SQL Server 2000)
- 7.14 - Rapid Database Development Using Database Diagrams (SQL Server 2000)
- 7.15 - Using Linked Servers In Your SQL Server SELECT Statement (SQL Server 2000)
- 7.16 - Stored Procedure Introduction: Definition, Usage, and Using the Create Stored Procedure Wizard
- 7.17 - Views: Introduction, When and Where to Use, and Using the Create View Wizard
- 7.18 - Working with User Defined Data Types in the Enterprise Manager (SQL Server 2000)
- 7.19 - Pt. 1 - An Introduction to Using Views in SQL Server
- 7.20 - Pt. 2 - Using Views in the Real World
- 7.21 - Pt. 3 - Create View Syntax and Creating Views in SQL Server
- 7.22 - Pt. 4 - Updateable Views in SQL Server (How to Update the Database Through a View)

Chapter 8: TSQL Programming

- 8.1 - Variables and Scoping - Local Variables and Batch Terminators
- 8.2 - Why You Use SCOPE_IDENTITY() Instead of @@IDENTITY
- 8.3 - Pt. 1 - Introduction to Stored Procedure Concepts and Common Usage
- 8.4 - Pt. 2 - CREATE PROCEDURE Syntax and Execution
- 8.5 - Pt. 3 - Input Parameters and Variables
- 8.6 - Pt. 4 - OUTPUT Parameters and How to Use Them
- 8.7 - Pt. 5 - RETURN Codes and How to Use Them

20+ hours of instructor-led training!

SQL Server 2000 Database Administration

• CourseId: 148 • Skill level: 200-500 • Run Time: 20+ hours (103 videos)

Videos in this course:(cont.):

Chapter 9: SQL Server Architecture: Indexes, Internals, & Query Plans

Viewed?

9.1 - Pages, Extents, and Blocksizes - What They Are and How They Work

9.2 - Constraint Keys, Index Keys, Composite Keys, Natural keys, and Surrogate Keys

9.3 - Using the Create Index Wizard in the Enterprise Manager (SQL Server 2000)

Chapter 10: Performance Tuning SQL Server

10.1 - Pt. 1 - Using SQL Profiler - Concepts and Screens

10.2 - Pt. 2 - Determining Which Events, Data Columns and Filters to Use in Your Trace

10.3 - Pt. 3 - What Do You Do With Your Trace Data? How to Write Queries Against Your Trace

10.4 - Pt. 4 - Configuring Profiler for Common Tasks (Templates)

Chapter 11: Backup, Recovery, Log Shipping and More

11.1 - Backup and Recovery - An Introduction to the Three Main Types of Backups in SQL Server 2000

11.2 - Backup Devices, Backup Sets, Database Dumps and Media Sets

11.3 - Help - My Transaction Log Is Full and Has Taken Up the Entire Disk! Emergency!

Chapter 12: Automating SQL Server 2000 with the SQL Server Agent

12.1 - Alerts in SQL Server 2000 - What They Are, How to Use Them and Best Practices

12.2 - How SQL Server Logs Errors - The SQL Server Error Log and Configuration

Chapter 13: How to Move and Copy Databases in SQL Server 2000

13.1 - Attach and Detach a SQL Server Database Using Enterprise Manager

Chapter 14: Replication in SQL Server 2000

14.1 - Pt. 1 - Setting Up the Distributor and Publisher for Transactional Replication

14.2 - Pt. 2 - Setting Up Publications for Transactional Replication

20+ hours of instructor-led training!

SQL Server 2000 Database Administration

• CourseId: 148 • Skill level: 200-500 • Run Time: 20+ hours (103 videos)

Videos in this course:(cont.):

Chapter 14: Replication in SQL Server 2000

14.3 - Pt. 3 - Setting Up Push Subscriptions

14.4 - Pt. 1 - An Introduction to the Concepts and Terms of SQL Server Replication

14.5 - Pt. 2 - The Three Most Common Types of SQL Server Replication

14.6 - Pt. 3 - Publications and Subscriptions

Viewed?

For More Details

Visit <http://www.learnitfirst.com/Course/148/SQL-Server-2000-DBA.aspx> for more information and to watch free sample videos from this course.

About LearnItFirst.com: LearnItFirst is a leader in online video training for the Microsoft community. With nearly 400 hours of classroom-quality video training online, LearnItFirst has one of the largest online training video libraries on the web today. LearnItFirst's online courses are a cross between a "live" instructor-led class and a "how to" book. Customers get the affordability and portability of a book and the "Watch and Learn" of having a live instructor. All courses feature full-screen resolution videos with high quality audio to ensure the very best possible training experience. LearnItFirst.com LLC was founded in 2004 and is based in Dallas, Texas.



<http://www.learnitfirst.com/>
Sales & information: (877) 630-6708