

COMPREHENSIVE, HAND-ON ONE-ON-ONE TRAINING

Delivered by Microsoft Certified Professional

MICROSOFT SQL SERVER 2000 Database Design and Implementation

COURSE OUTLINE

1. Using Transact-SQL
 - a. SQL Server programming Tools
 - b. Introduction to Transact-SQL
 - c. Transact-SQL Syntax Elements
 - d. Executing Transact SQL statements
2. Designing SQL Server Database
 - a. Introduction to database Design
 - b. Planning a SQL server Database
 - c. Identifying system requirements
 - d. Developing a logical Model
3. Implementing SQL Server Database and Tables
 - a. Creating and managing a SQL server Database
 - b. Identifying data type
 - c. Creating and managing tables
4. Implementing Data integrity
 - a. Introduction to data integrity
 - b. Implementing integrity constraints
5. Accessing and modifying Data
 - a. Accessing data in a SQL server database
 - b. Using Advance Query techniques to Access Database
 - c. Modifying Data in a SQL server Database
6. Managing and manipulating Data
 - a. Importing and Exporting Data
 - b. Using Distributed Queries to Access External Data
 - c. Using Cursor to retrieve Data
 - d. Retrieving XML data

7. Implementing Stored procedures
 - a. Introduction to triggers
 - b. Creating and managing triggers
 - c. Programming triggers

8. Implementing Views
 - a. Introduction to views
 - b. Creating, modifying and Deleting Views
 - c. Accessing data through views

9. Implementing Indexes
 - a. Index Architecture
 - b. Index creation and Administration

10. Managing SQL server Transactions and Locks
 - a. Transaction and locking architecture
 - b. Managing SQL server transactions
 - c. Managing SQL server locking

11. Designing and Administering SQL server 2000 security
 - a. Overview of SQL server 2000 security
 - b. Designing a Database security plan
 - c. Database Security implementations
 - d. Database Security implementation and Administration

12. SQL server 2000 monitoring and tuning
 - a. Monitoring Database with SQL PROFILER
 - b. Index tuning and database partitioning

Prepared and delivered by

JOSE G. DE JESUS JR MCP
Mcp # 2324787

