



Price:	\$1,195
Length:	21 Hours (3 days)
Introduction:	This course concentrates on providing students with the knowledge and skills necessary to exploit the features and functions available in SQL Server 2005.
Target Audience:	IT Professionals who will be writing queries for use with Microsoft SQL Server. Non-technical power users will also benefit from the course if comfortable with software tools like SQL Server Management Studio.
Prerequisites:	■ Working knowledge of a complex user interface like SQL Server Management Studio
Objectives:	At the end of the course, students will be able to write queries for use with Microsoft SQL Server.

Course Outline

I. Quick Intro to SQL Query Basics

- A. Establish baseline knowledge required for the course
- B. Elements of the SELECT statement
- C. Optional clauses
- D. Working with NULL values
- E. Working with dates

II. Installing Exchange Server 2007

- A. Nature and purpose of views
- B. Creating and modifying view
- C. Limitations and cautions

III. Advanced SQL Query Tactics

- A. Scalar and vector aggregations
- B. JOINS
- C. UNION queries
- D. GROUP BY queries
- E. Sub-queries

IV. Data Manipulation Statements

- A. Insert statements
- B. Update statements
- C. Delete statements
- D. Manipulation through views and over JOINS

V. Working with Procedures

- A. Nature and purpose of stored procedures and functions
- B. Calling stored procedures for effect
- C. Passing input parameters to stored procedures
- D. Calling procedures that return data
- E. Calling built-in functions
- F. Calling user-defined functions

VI. Task-Oriented Queries

- A. Finding unmatched or missing records
- B. Finding duplicates
- C. Calculating running sums
- D. Changing a primary key