

**Course 517:**  
**Microsoft SQL Server 2005 Reporting Services**  
**(4 Days)**

**Course Description...**

This course focuses on the reporting part of Business Intelligence by teaching IT professionals how to design and manage various kinds of reports using SQL Server 2005 Reporting Services. The course will also provide the necessary skills to create ad-hoc reports and setup, configure, and maintain an Enterprise Reporting Solution.

**Learning Objectives...**

- Configure Report Services Repository
- Authoring reports using the reporting wizard
- Authoring reports using the report builder
- Filtering and formatting data
- Creating data-driven reports
- Linking reports
- Authoring matrix and drill through reports
- Securing reports
- Configuring report subscriptions
- Deploying reports

**Who Should Attend...**

This class is for anyone who needs to leverage the power and flexibility of SQL Server Reporting Services.

**Suggested Prerequisites...**

- Attendees should have a working knowledge of SQL Server objects and TSQL queries.
- Attendees should also have a working knowledge of the Business Intelligence Development Studio.

**See next page for a detailed course outline...**



## Course Outline...

### Chapter 1: Reporting Services Architecture

- Reporting Services
- Report Server
- Report Server databases
- Report Designer
- Report Manager
- Report Models
- Report Builder

### Chapter 2: Creating Basic Reports

- Accessing Data Sources
- Creating Reports from Scratch
- Using Calculations and Formatting
- Utilizing Basic Expressions
- Formatting Fields
- Implementing Conditional Formatting

### Chapter 3: Filtering Data

- Creating Groups and Sorting
- Creating Drill-Down Reports
- Calculating Totals and Percentages
- Implementing Report Parameters
- Linking Report Parameters to Dataset Parameters
- Creating Drop-Down Parameters
- Implementing Multi-Valued Parameters

### Chapter 4: Advanced Reporting Features

- Implementing Cascading and Multi-Select Parameters
- Creating Drill-through Reports
- Linking Reports and Subreports
- Linking Report Maps
- Creating Matrix Reports
- Creating Matrix Subtotals
- Implementing Charts

### Chapter 5: Securing Reporting Services

- Setting Reporting Services Security
- Creating and Managing Roles
- Implementing Data Source Security

### Chapter 6: Deploying Reporting Using Reporting Services

- Creating Standard Subscriptions
- Creating Data-Driven Subscriptions
- Creating Snapshot Reports
- Storing Report Histories
- Using Report Caching

*Please contact your ROI representative to discuss course tailoring!!!*