



CTREC HILTON  
IT ACADEMY

5051 Westheimer  
Suite 500  
Houston, Texas 77056  
(713) 255-0360  
(866)-882-8732  
Fax (713) 622-1915

Class Code: 2542  
Number of Days: 2  
Format: Instructor-Led

## Advanced Data Access with Microsoft Visual Studio 2005

**Course Description:** This two-day instructor-led workshop provides students with the knowledge and skills needed to use advanced data access features and techniques in the Microsoft .NET Framework and Microsoft Visual Studio 2005. The workshop describes how to access data and how to implement database functionality by using Microsoft ADO.NET 2.0 and Microsoft SQL Server 2005. The workshop also describes how to locate, edit, and transform XML by using XPath and Extensible Style sheet Language for Transformations (XSLT).

**Target Audience:** This workshop is intended for corporate and Independent Software Vendor (ISV) application developers who have a desire to learn more about specific technology areas in distributed application development.

**Prerequisites:** Before attending this course, the student must have

- Have attended or studied Workshop 2541, Core Data Access with Microsoft Visual Studio 2005, or possess equivalent knowledge and skills.
- Know how to use delegates.
- Be able to use database stored procedures, triggers, and aggregates.
- Be able to explain XPath concepts and basic syntax.
- Be able to explain XSLT style sheet concepts.

**Delivery Method:** Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

### At Course Completion:

After completing this course, students will be able to:

- Minimize and handle database operation conflicts.
- Handle large objects.
- Enhance database performance.
- Create managed code objects for SQL Server 2005.
- Query XML by using XPath.
- Transform XML by using XSLT style sheets.

