Course Title: ADO.NET

Course Description:

Course Prerequisite(s):
Introduction to C#

Course Objectives:
Demonstrate working with -
- Building real world Models with Entity Framework.
- Querying using LINQ and ESQL
- Eager Loading, Lazy Loading and Deferred Loading.
- Entity Framework and Asp.net
- Working With Object Services
- Plain Old CLR Objects.
- Stored Procedures
- Functions
- Building N-tier applications using Entity Framework.
- Customizing Entity Framework Objects.
- Performance
- Concurrency

Next Class Possibilities:
C# Web Programming

Instructor Notes:

Textbook(s):
Entity Framework 4.0 Recipes: A Problem-Solution Approach
Tenny/Hirani

Lesson Plan – by week or session
Session 1: Modeling and Querying
Session 2: Eager Loading, Lazy Loading and Deferred Loading and Advance Modeling
Session 3: Customizing Entity Framework Objects and Concurrency.
Session 4: Stored Procedures and Functions
Session 5: Entity Framework with Asp.net, Improving Performance.
Session 6: POCO and n-tier applications.

If time permits we will go into Object Services and more advance modeling scenarios.