Ben-Gurion University of the Negev

The Lynne and William Frankel Center for Computer Science
Computer Science and
Software Engineering Departments

FCCS

Register Now for Microsoft .net Technical Course

21 - 25 September, 2008

Course Objectives

To give students background and confidence in active and immediate usage of the .NET environment, in general and specifically, C# language. The course emphasizes interaction with DBMS, Windows based interfaces (Win Forms) and advanced web interfaces such as AJAX and WPF (Silver Light).

Syllabus   Daily Lecture   09:00 – 13:00; Daily Lab   13:30 – 17:00

Day 1: **C# 3.0**
- Overview of the Microsoft .NET Framework 3.5
- Introduction to Visual Studio 2008
- C# 3.0 Language and Syntax
- Inheritance
- (Optional) Delegates and Events

Day 2: **ADO.Net and LINQ**
- Working with disconnected data, the Dataset
- Accessing Data by Using ADO.Net
- Distributed Application Architecture and the **D**ate **A**ccess **L**ayer (DAL)
- C# Anonymous Types
- (Optional) Introducing **L**anguage **I**ntegrated **Q**uery (LINQ)

Day 3: **WIN Forms and Data Binding**
- Introduction to Win Forms
- Building rich clients using Win Forms
- Events handling
- Compiling, Testing, and deploying .NET Framework Applications
- Win Forms Data Binding

Day 4: **ASP.Net and AJAX**
- Introduction to ASP.Net
- Working with ASP.Net Server controls.
- Data Binding ASP.Net
- Creating Web Applications with ASP.Net and AJAX
- Tracing and Debugging
- (Optional) Building AJAX Controls

Day 5: **Introduction to .Net 3.5: WPF & Silver Light, WCF, WF**
- Introduction to **W**indows **P**resentation **F**oundation Applications (WPF)
- Introduction to Microsoft **Silver Light**
- (Optional) Introduction to SOA and ASP.Net Web Services
- (Optional) Introduction to **W**indows **C**ommunication **F**oundations (WCF)
- (Optional) Introduction to **W**indows **W**orkflow **F**oundation (WF)

For registration information and more see: http://www.cs.bgu.ac.il/~frankel/