

# FREE - Autodesk University Extension Classes



AIT Spatial Ltd is holding three Special Events on 7<sup>th</sup>, 8<sup>th</sup> and 11<sup>th</sup> December 2009 with a focus on Civil Engineering; Geospatial and Facilities Management and finally Customization and Programming.

These are designed to give clients an opportunity to view some of the classes held at the Autodesk University which takes place on 1<sup>st</sup>-3<sup>rd</sup> December 2009 in Las Vegas, US.

Although each session is run as an on-line class display, we plan to have an experienced user on hand to answer any questions at the end of each session.

These Extension Classes will be held at our Training Centre in Wellingborough, Northamptonshire. Refreshments will be provided.

## Customization and Programming 11<sup>th</sup> December 2009

### AGENDA

9.30 – 10.00am	Arrival
<b>10.00 – 11.00am</b>	<b>Session 1</b>
11.00 – 11.30am	Break
<b>11.30 – 12.30pm</b>	<b>Session 2</b>
12.30 – 1.30pm	Break/Lunch
<b>1.30 – 2.30pm</b>	<b>Session 3</b>
2.30 – 3.00pm	Break
<b>3.00 – 4.00pm</b>	<b>Session 4</b>

#### Session 1

##### **Making VB.NET as Easy as VBA**

*(Jerry Winters)*

*The writing is on the wall. VBA, though not gone, will be replaced in the future. But .NET is a different beast. Right? After all, I could draw a line in VBA with four lines of code. Why does it take over twice that number of lines of code to draw a simple line in VB.NET? If you find yourself saying, "It's hard. I don't like change", then this class is for you. Can VB.NET be as easy as VBA? It can. Learn how.*

#### Session 2

##### **Using the FDO API in C#.NET**

*(Scott McFarlane)*

*This advanced programming course is designed for GIS developers who want to manipulate data in an FDO data store using C#.NET. Attendees will understand the fundamentals of FDO, and the basic structure of an FDO data source. Learn how to create new FDO data stores, define schemas and feature classes, and query, insert, modify, and delete features. We'll develop examples using a variety of data sources, including SDF, SHP, SQL Server and Oracle, and we'll identify opportunities for code reuse.*

#### Session 3

##### **AutoCAD® .NET: Developing for AutoCAD Using F#**

*(Kean Walmsley)*

*Find out about F#, Microsoft's recent addition to the .NET language portfolio, and understand why Functional Programming is gaining such widespread interest from the software industry. We will step through F# samples working inside AutoCAD, and others working independently.*

#### Session 4

##### **Store It in the DWG: XData, Extension Dictionaries, and Object Data Through .NET**

*(Jerry Winters)*

*AutoCAD files can and often do store more than lines, circles, and arcs. Entities themselves can store information inside them. But what are the options and the differences between the options, and how is it done? Learn it all in 90 minutes.*

If you are interested in attending this course, or would like further information,  
please contact us on

**[training@aitspatial.co.uk](mailto:training@aitspatial.co.uk) or phone us on 01933 303034**