

## **Session 1**

### Section A: Introduction to XML

- What is XML?
- GML & SGML
- RTF
- Origin of the Internet
- HTML
- History of Markup Languages
- Top XML Design Goals
- W3C & Use of XML
- XML Myths

### Section B: XML Structure

- XML File Type
- Well-formed XML
- Defining Content
- Rules for Elements
- XML Declaration
- Using Attributes
- Tools for XML

### Section C: Defining Content

- Content Strategies
- Content Methods
- Entity References
- CDATA
- Namespace
- URL & URN
- Default Namespace
- DTD
- XML Schemas

### Section D: Applying XML

- Document Object Model
- XML Parsers
- XML on the Web
- XML with Client-side Scripting
- Server-side Scripting with XML
- XML in Stand Alone App

### Section E: Extending XML

- Introduction
- Applying Style with CSS
- Applying Style with XSL
- XPath Language & XSL-FO
- XML with XSL Applied
- BizTalk Initiative
- BizTalk Server
- Microsoft .NET Initiative

### Section F: XHTML

- Introduction
- HTML vs. XML
- Well-formed HTML
- Introduction of XHTML
- XHTML DTDs
- Transform HTML to XHTML
- Using JavaScript with XHTML