

# JAVA - AJAX Course Syllabus

## Ajax Basics

- What is Ajax?
- Ajax Rich Clients in the Real World
- Ajax Advantages and Disadvantages
- The Purpose of Aj
- The Traditional Web Application
- An Ajax Web Application
- Alternatives to Ajax

## Ajax Components

- The XMLHttpRequest Object
- Handling the Response
- Ajax Events
- The Callback Function

## DOM

- Document Object Model Overview

## Passing Data

- XML
  - Introduction
  - XML and Ajax
  - XML,DOM and Javascript

- Dynamic Tables
- JSON
- Review of Object Literals

## Server Side Code

- The Role of the Server
- Working with the Server Side



- Coding the Server Side

### **Ajax Applications**

- Login Form
- Quick Lookup Form
- Preloaded Data

### **XSLT Transformations with JavaScript**

- Basic XSLT
- XSLT in the Browser

### **Ajax/Javascript Frameworks**

- The Purpose of Framework Dojo
- Prototype
- Other Popular Frameworks

### **More Ajax Applications**

- Inline Editing
- Detailed Information on Demand
- Autologout
- Autocompletion