

## WA1542: Mastering AJAX for .NET

This training course teaches AJAX and all of its foundational technologies. XHTML and CSS2 are covered in details. Students will also learn the HTML Document Object Model (DOM) and how to manipulate a page dynamically in the client side using JavaScript. The AJAX API is covered in details. Students will also learn how to build their own AJAX based framework which will help them write complex applications quickly.

How does this course differ from so many other AJAX training courses offered by the competition?

- We cover XHTML and CSS2 in detail. Students will be able to write rich AJAX applications.
- Students learn how to develop an AJAX framework.
- We teach Microsoft's the powerful ASP.NET AJAX programming model.
- We cover the several RPC mechanism - such as - XML, SOAP and JSON.

### Topics

- XHTML.
- CSS2.
- HTML Document Object Model (DOM) and the JavaScript API.
- AJAX API.
- Client Server RPC mechanisms such as Web Service and JSON.
- ASP.NET AJAX toolkit
- Best practices and anti-patterns

### What You Will Learn:

After completing this AJAX training course, the student should be able to:

- Understand what is AJAX and when to use AJAX.
- Plan the architecture of an application that will use AJAX.
- Manipulate look and feel and content of a page dynamically and in the client side using JavaScript. Because they learn CSS2 and HTML DOM, they will be able to create impressive visual effects and rich customer experience.
- Make an AJAX application interact with the server using an RPC mechanism.

- Know how to build the server side code to support an AJAX client.
- Learn to use ASP.NET AJAX to build feature rich applications.

## **AUDIENCE**

- Web based application developers. The class is designed mainly for the ASP.NET developers.
- Web site designers with good knowledge of Java Scripting can also take this class.

## **PREREQUISITES**

ASP.NET based web application development. Basic knowledge of JavaScript and HTML.