

ASP Dot Net web developer

40 Hours

About the Course

ASP.NET is Microsoft's middleware that is built on the DOT NET framework for web based application development. It is the successor to Active Server Pages (ASP) and broadly used for application development using XML, Web services and ASP.NET. Knowledge of ASP.net, C# with SQL Server is essential to build dynamic web applications.

It is expected that the participants of this course are already familiar with C-Sharp fundamentals and with designing Windows applications in C# (as enumerated in 'Dot Net developer' training course profile of QValue Services).

Course objectives

Upon completion of this training course, attendees obtain in-depth knowledge on:

- Introduction to Web Application
- Build a Microsoft ASP.NET object-oriented Web application using C#, ADO.NET
- Use of Language Integrated Query (LINQ)
- Use of AJAX in ASP.Net
- Produce ASP.NET programs using multilayer architectures and implement web applications using web forms, including programs that interact with databases

Course Contents

The course would cover the topics as noted below. There would be hands on sessions at appropriate junction points to elaborate and understand the concepts:

- IIS and Introduction to Web Application
- Styling and Scripting
- Overview of ASP.NET
- ADO.NET (Database Programming using C# & SQL Server)
- Using ADO.Net and LINQ in ASP.NET
- Grids, Master Pages and Navigation
- Caching, Tracing, Managing State and Configurations in ASP.NET
- AJAX in ASP.NET
- XML Controls and Web Services
- Project work assistance

Note:

- ❖ The course includes opportunity to apply the concepts learned during the course in real life project environment