

# ASP.NET

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**Duration: 1 Month**

## **HTML and CSS**

- HTML Basic Tags
- Working with Table, List and Div
- HTML Form Elements
- CSS Basic Syntax
- Creating External CSS
- Learn how to use Selectors
- Working with CSS properties

**Duration : 8 hours**

## **JavaScript**

- Define JavaScript
- Create and Manipulate Variables
- Implement Functions
- Learn how to use JavaScript Events
- Developing Popup Boxes
- Learn how to use Client Side Validation

**Duration 8 hours**

## **JQuery**

- Introduction to JQuery
- Implement JQuery in Web Application
- Working with JQuery Events
- Implementing JQuery UI

**Duration : 8 hours**

## **ASP.NET Web Application Development**

- Understand Web Application Fundamentals
- Creating Standard Web Controls and Events
- Working with Navigation Controls
- Working with Rich Server Controls
- working with Validation controls
- Create Web User Control
- working with custom controls

**Duration: 16 hours**

## **State Management**

- Create and manipulate Managing Session
- Implementing View State
- Create and manipulate Query Strings
- Managing Cookies

**Duration: 12 hours**

## **Customizing Web Applications**

- Implementing Themes and Skins
- Implementing Web User Control
- Master Pages and Content Pages

**Duration : 8 hours**

## **Designing and Implementing Databases with MS SQL Server 2014**

- Introduction to RDBMS
- Familiarizing SQL Server 2012
- Creating Tables and Constraints
- Implement Aggregate Functions, Order by and Group by
- Join and Sub Query
- Creating Stored Procedures
- Backup, Restoring and Moving a database

**Duration : 12 hours**

## **ADO.NET**

- Learn about Data Binding
- Create Database Application (DataReader)
- Create Database Application (DataSet)
- Learn how to use XML and ADO.NET

**Duration : 16 hours**

## **Data Controls**

- Learn how to use GridView
- Working with FormView, ListView and DetailsView
- Using DataList and Repeater controls

**Duration : 20 hours**

## **ASP.NET Ajax**

- Using ScriptManager and UpdatePanel
- Working with Ajax Controls
- Learn how to use Ajax Control Toolkit
- Implementing Ajax Extenders

**Duration : 4 hours**

## **Language Integrated Query**

- Working with LINQ to DataSet.
- Working with LINQ to SQL.
- Working with LINQ to XML

**Duration : 4 hours**

## **Authentication and Authorization**

- Explain about Authentication and Authorization
- Describe Anonymous Authentication
- Understand Windows Authentication
- Learn how to use Forms Authentication
- UI

**Duration :4 hours**

### **Entity Framework**

- Generating and Querying an Entity Data Model (EDM).
- Querying data using object Services
- Customizing the Entity Data Model

**Duration :4 hours**

### **WebServices**

- Creation and consumption of Web Services.

**Duration : 2 hours**

### **WCF**

- WCF Essentials
- Address, Binding and Contract
- WCF Services and Clients
- WCF Service Libraries
- WCF Test Host and Test Client

**Duration :4 hours**

**Batch Timing: 9 am-5.30 pm / 9 am-1 pm / 1.30 pm-5.30 pm / Saturday Only**