

## Web Development with C#

**Length:** 5 days

### Course Contents

#### PART I - INTRODUCING C#

Writing a C# Program.  
Variables and Expressions.  
Flow Control.  
More About Variables.  
Functions.  
Debugging and Error Handling.  
Introduction to Object-Oriented Programming.  
Defining Classes.  
Defining Class Members.  
Collections, Comparisons, and Conversions.  
Generics.  
Additional OOP Techniques.  
C# Language Enhancements.  
PART II - WINDOWS PROGRAMMING.

Basic Windows Programming.  
Advanced Windows Forms Features.  
Deploying Windows Applications.  
PART III - WEB PROGRAMMING

ASP.NET Web Programming.  
Web Services.  
Deploying Web Applications.  
PART IV - DATA ACCESS.

File SystemData.  
XML.  
Introduction to LINQ.  
Applying LINQ.  
PART V - ADDITIONAL TECHNIQUES.

Windows Presentation Foundation.  
Windows Communication Foundation.  
Windows Workflow Foundation.