

## C# Programming

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This course is designed for experienced developers from a VB, C++, or Java background. Participants will be exposed to examples of building all types of applications using C#-Windows applications and Windows services, web applications and web services with ASP.NET, Windows and web controls.

**Pre-requisite:** Object-oriented Programmer

**Target Audience:** This course is targeted at people who have interest in learning how to develop Object-Oriented applications in the .NET framework using C#.

They work as:

- Programmers
- Web Developers

In:

- IT Consulting Companies
- Software Development Houses
- The IT Department of a company
- The Academe

### General Outline:

- .NET Architecture
- Introduction to C#
- C# Basics
- Classes & Inheritance
- Object Oriented C#
- Advanced C# Topics
- C# and the Base Classes
- Programming in the .NET Environment
- Windows Applications
- Assemblies
- Data Access with .NET
- Viewing .NET Data
- XML
- File and Registry Operations
- Working with the Active Directory
- ASP.NET Pages
- Web Services
- Custom Controls
- COM Interoperability
- COM+ Services
- Graphics with GDI+
- Accessing the Internet
- Distributed Applications with .NET Remoting
- Windows Services
- .NET Security

**No. of Hours: 33 Hours**