



# STRADFORD INTERNATIONAL COLLEGE

DK183(P)

DURATION : 40 HOURS

# C# programming

( TNI Code: 048\_65)

## COURSE VENUE

- Public Program**  
Stradford International College / External Training Locations
- In-house Program**  
Inhouse / External Training Available.

## WHO SHOULD ATTEND

Executive

## CERTIFICATION

C# Programming Skills Certification by Stradford International College ( S I C )

## OVERVIEW

In this course, you will gain the programming skills that are required for developers to create Windows applications using the Visual C# language. Learn C# programming skills and speed up the performance of your applications. From introductory to advanced-level C# courses, our team of expert instructors will teach the techniques and best practices to effectively develop efficient, portable and maintainable applications.

## COURSE OBJECTIVES

Participants will learn how to:

- Create, compile and run object oriented c# programming using visual studio.
- Write and understand c# language construct syntax & semantic.
- Develop reusable .Net components via interface realization & standard design pattern
- Leverage the major namespace and classes of the .Net Framework.
- Access database using Language Integrated Query(LINQ)

## LEARNING OUTCOMES

- Gain the knowledge and skills to develop c# application for the .NET Framework 4.0
- Able to apply advance features.NET application to improve reliability and extensibility c# application.
- Able to use object- oriented features of the C# language for better quality code that is more usable and maintainable.
- Use Language integrated queries (LINQ) for the c# language for working with data in .NET application.

## PREREQUISITES

- Has basic understanding of C, C++, C# syntax programming
- Some experience with SQL is assumed

## COURSE RELEVANCY TO EMPLOYER

- Employer will be able to save cost in term of software maintainability and it is totally open source and versatile.
- Employer will be able to improve productivity since c# language is very fast, its compilation and execution time is to quick and adaptability can be any operating system.
- Employer will be able to improve in term of software security and able to build a very simple, powerful for building scalable, inter-operable and robust application.
- Employer will be able to explore versatile of software development with the cross-language capabilities and help to produce 'out-of-the box' application.

## COURSE OUTLINE

- Day 1  
Getting started with Entity Framework
- Day 2  
Consuming Services in .NET by example
- Day 3  
Advance Topic in C#
- Day 4  
LINQ in the C# programming Language
- Day 5  
Object Oriented Programming with C#  
Asycronyze Programming in c#

## TRAINING METHODOLOGY

Class lecture, tutorial, lab

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