PROGG-B - Introduzione alla programmazione ad oggetti

ITCore Sviluppo - Visual Studio - Sviluppo

Durata:	Lingue:	Certificazione:
2 Giorni	**Italiano**	**-**

Descrizione del corso

Il corso si rivolge a coloro che si approcciano al mondo della programmazione ad oggetti, siano essi programmatori di altri linguaggi o neofiti nel mondo dello sviluppo. I contenuti del corso e L'ambiente di lavoro si basano su Visual Studio, in quanto la naturale prosecuzione per coloro che vorranno approfondire quanto appreso saranno i linguaggi .net

Programma

1. Getting Started with Object-Oriented Programming
    - Introduction to Object-Oriented Programming
    - Creating Projects in Visual Studio
    - Coding in Visual Studio
    - Productivity Features in Visual Studio
    - Debugging Visual Studio Applications
2. Implementing Classes, Properties and Methods
    - Creating Classes
    - Implementing Properties Within a Class
    - Implementing Methods Within a Class
    - Using Classes, Properties and Methods
3. Implementing Inheritance, Abstraction, and Polymorphism
    - Introduction to Inheritance and Abstraction
    - Implementing Inheritance and Abstraction
    - Introduction to Polymorphism
    - Implementing a Polymorphic Structure

4. Implementing Interfaces
    - Introduction to Interfaces
    - Implementing a Custom Interface
5. Designing Object-Oriented Structures
    - Establishing Classes from Business Requirements
    - Adding Inheritance to the Design
    - Adding Interfaces to the Design
    - Reviewing and Refining the Design
6. Delegates, Events, and Exceptions
    - Introduction to Delegates
    - Implementing Delegates
    - Introduction to Events
    - Implementing Events
    - Introduction to Exceptions
    - Implementing Exceptions
7. Designing Object Collaboration
    - Introduction to Class Interactions
    - Adding Interactions to a Design
    - Evaluating the Design
    - Introduction to Patterns
8. Deploying Components and Class Libraries
    - Introduction to Components and Class Libraries
    - Deploying a Component/Class Library
    - Best Practices for Deploying a Component/Class Library