
C# .NET Training Content

- Environment Setup
- Basic Syntax
- Program Structure
- Data Types
- Variables
- Constants
- Modifiers
- Statements
- Operators
- Using Math Functions
- Decision Making
- Loops
- Strings
- Date & Time
- Arrays 1D
- Array 2D & 3D
- Functions
- Arguments
- Return types
- Parameters
- Out parameters
- ref parameters
- Collections
- List
- ArrayList
- Dictionary
- Hashtable
- Struct
- Enum
- Classes & Object
- Constructor
- Destructor
- Access level
- Stack Memory
- Heap Memory
- Static class
- Static methods
- Abstract class
- Abstract methods
- Interfaces
- Inheritance
- Multiple Inheritance
- Multilevel inheritance
- Polymorphism
- Method overloading
- method overriding
- Exception Handling
- Files Handling
- Directory Handling
- Creating console applications
- Form Application
- Form Controls
- Dialog Boxes
- Advanced Forms
- Event Handling
- Class library & DLL creation
- Interacting with Notepad files
- Interacting with Excel file
- Visual Studio functions

AUTOCAD .NET API TRAINING CONTENT

- Overview of the AutoCAD .NET API
- Components of the AutoCAD .NET API
- Overview of Microsoft Visual Studio
- Understand Microsoft Visual Studio Projects
- Define the Components in a Project
- View Project Information
- Work with Microsoft Visual Studio Projects
- Edit an Existing Project or Solution
- Access and Search Referenced Libraries with the Object Browser
- Develop Applications with C#
- Handle Errors
- Using the AutoCAD Managed .NET API
- Understand the AutoCAD Object Hierarchy
- Access the Object Hierarchy
- Collection Objects
- Understand Properties and Methods
- Out-of-Process versus In-Process
- Define Commands
- Access the AutoCAD Command Line
- Prompt for User Input
- Prompt for object selection
- Control the Application Window
- Control the Drawing Windows
- Create new drawing
- Open existing drawings
- Save and Close Drawings
- Lock and Unlock a Document
- Set AutoCAD Preferences
- Using AutoCAD core console application
- Set and Return System Variables
- Draw with Precision
- Creating and Editing Entities
- Open and Close Objects
- Create Objects
- Work with Selection Sets
- Edit Named and 2D Objects
- Working with Layers
- Using Colors and Linetypes
- Save and Restore Layer States
- Add Text to Drawings
- Adding Dimensions and Tolerances
- Dimensioning Concepts
- Create Dimensions
- Edit Dimensions
- Work with Dimension Styles
- Loop through Blocks and all block references in document.
- Use Block Matrix
- Get Attributes from Block References
- Edit Attributes in Block references
- Read dynamic blocks parameters
- Edit dynamic block parameters
- Use External References (XRef)
- Assign Extended Data (Xdata)
- Retrieve Extended Data(Xdata)
- Store & Retrieve information in Document using XRecord
- Using windows forms UI in AutoCAD
- Managing AutoCAD Events