EXCEL GLOBAL COLLEGE
Learning today..leading tomorrow

CODE YOUR FUTURE BUILD THE IMPOSSIBLE

PROGRAMMING
& SOFTWARE DEVELOPMENT

VISUAL BASIC

4 WEEKS

15,000/-
COLLEGE CERTIFICATION

- Learn the basics of Visual Basic and its role in building Windows applications.
- Explore the Visual Studio environment, including the Form, Properties, and Code windows.
- Get hands-on with variable types, operators, and simple Visual Basic syntax.
- Design user interfaces and set properties with easy drag-and-drop tools.
- Write code to bring your applications to life.
- Master control structures like If...Then, Select Case, For, and While loops.
- Build reusable code with procedures and functions.
- Handle errors smoothly using Try, Catch, and Finally blocks.
- Understand object-oriented programming with classes, objects, inheritance, and interfaces.
- Connect your apps to data using arrays, files, and databases.

C#

4 WEEKS

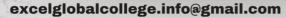**20,000/-**
COLLEGE CERTIFICATION

- Learn the basics of C# programming in a clear, step-by-step way.
- Understand C# syntax, program structure, and how to set up your coding environment.
- Work with different data types and variables for flexible code.
- Master operators and expressions to perform calculations and logic.
- Control program flow using if, else, switch, and loop statements.
- Write and use methods to organize and reuse your code.
- Build and use classes and objects to model real-world problems.
- Apply OOP concepts like encapsulation, inheritance, and polymorphism.
- Handle errors gracefully with structured exception handling.
- Manage data efficiently using arrays, lists, and dictionaries.

+254 (0) 710 709 477
+254 (0) 714 800 900

excelglobalcollege.info@gmail.com

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SOFTWARE DEVELOPMENT

8 WEEKS

29,000/- COLLEGE CERTIFICATION

37,000/- INTERNATIONAL CERTIFICATION

- Gain strong programming foundations in data types, memory, algorithms, flowcharts, and error handling.
- Apply modern software development practices, including SDLC, Agile methods, and thorough testing.
- Master object-oriented programming: create, analyze, and use classes, inheritance, and polymorphism.
- Develop and deploy robust web applications using HTML, CSS, JavaScript, web hosting, and web services.
- Design, manage, and optimize databases with SQL, NoSQL, normalization, and secure data handling.

PYTHON

4 WEEKS

19,000/- COLLEGE CERTIFICATION

25,000/- INTERNATIONAL CERTIFICATION

- Master Python data types, operators, and list operations including sorting, slicing, and conversions.
- Control program flow with if-else branches, loops, and compound conditions for decision-making.
- Perform file and console input/output, manage files, and print formatted text using Python methods.
- Write clear, well-documented code with comments, docstrings, and organized function definitions.
- Debug errors, handle exceptions, perform unit testing, and use Python modules for files, math, and more.

JAVA

4 WEEKS

23,000/- COLLEGE CERTIFICATION

29,000/- INTERNATIONAL CERTIFICATION

- Understand Java basics such as the main method, input and output, and variable scope.
- Work with data types, variables, strings, arrays, ArrayLists, and type conversions for flexible data handling.
- Use arithmetic expressions and control flow with if-else, switch, loops, and logical operators.
- Apply object-oriented concepts by creating classes, constructors, methods, inheritance, and encapsulation.
- Debug code and handle exceptions to ensure clean, reliable Java programs.

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