Creating IT Workforce for Nation Building

MITCON e-School

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*Terms & Conditions Apply

Programming

Certificate Course in Software Programming (Using Java)

Duration 6 Months

Contents:

- C
- C++
- Core Java
- Advance Java
- Assignments

Certificate Course in Software Programming (Using .Net)

Duration 6 Months

Contents:

- C
- C++
- ASP .Net
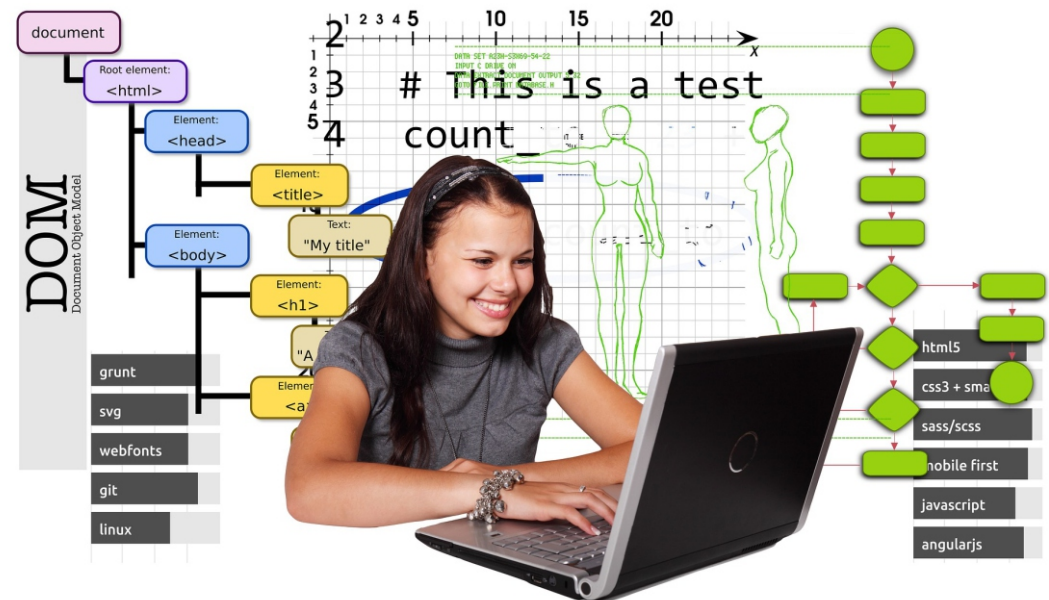- SQL Server
- C#
- ADO. Net
- Assignments

Certificate Course in Web Development

Duration 6 Months

Contents:

- Introduction to HTTP
- Ajax & XML
- Core JAVA
- HTML5
- CSS3
- JAVASCRIPT
- Dreamweaver
- HTML5
- MYSQL
- Assignments

Certificate Course in C Programming

Duration 45 Days

Contents:

- Programming Fundamentals
- Introduction to 'C' Language
- Operators, Operands & Expressions
- Conditional Statement
- Loops & Arrays
- Strings & Functions
- Pointers
- Structure & Union
- File Handling
- Introduction to Graphics
- Assignments

Certificate Course in Core Java Programming

Duration 2 Months

Contents:

- Introduction to Java
- Data Types & Variables
- Operators & Expressions
- Control Flow Statements
- Methods
- Objects & Classes
- Using Java Objects
- Inheritance in Java
- Packages
- Exception Handling
- Object-Oriented Programming
- Input & Output Streams
- Inner Classes
- Introduction to Threads
- Interfaces
- Abstract Classes
- Serialization
- Generics
- Assignments

Certificate Course in C++ Programming

Duration 45 Days

Contents:

- Introduction to 'C++' Programming
- Object Oriented Programming Concepts
- Classes & Objects
- Input & Output streams
- Constructors & Destructors
- Exception Handling
- Operator Overloading
- Functions & Pointers
- Inheritance
- Polymorphism
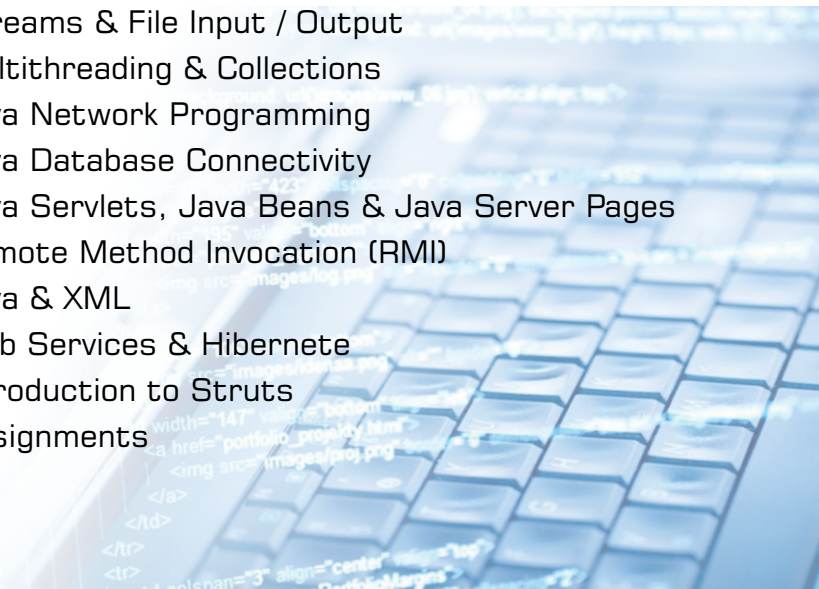- File Input / Output
- Assignments

Certificate Course in Advance Java Programming

Duration 2 Months

Contents:

- Introduction (Review Java, IDE, Packages & Jar Basics)
- Streams & File Input / Output
- Multithreading & Collections
- Java Network Programming
- Java Database Connectivity
- Java Servlets, Java Beans & Java Server Pages
- Remote Method Invocation (RMI)
- Java & XML
- Web Services & Hibernete
- Introduction to Struts
- Assignments

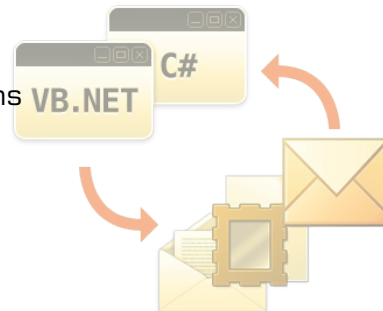## Certificate Course in ASP.Net Programming

**Duration
2 Months**

Contents:

- Introduction to Web Technologies
- ASP.Net Introduction
- Server Side Controls
- State Management
- XML Programming
- ADO.NET & Caching
- ASP.NET Configuration & Tracing
- Security in ASP.NET & XML Web Services
- Localization & Globalization
- Introduction to Mobile Programming
- Assignments

Certificate Course in C# Programming

**Duration
2 Months**

Contents:

- .NET Enterprise Architecture
- .NET Languages
- C# Language Basics
- Object Oriented Language
- Memory Management
- Exception Handling
- Operator Overloading
- GUI Application Development
- Database Programming
- Assemblies
- Architecture of CLR
- COM Interoperatibility
- Delegates & Event Handling
- Pointers
- Remoting
- File Handling
- Windows Services
- Multithreading
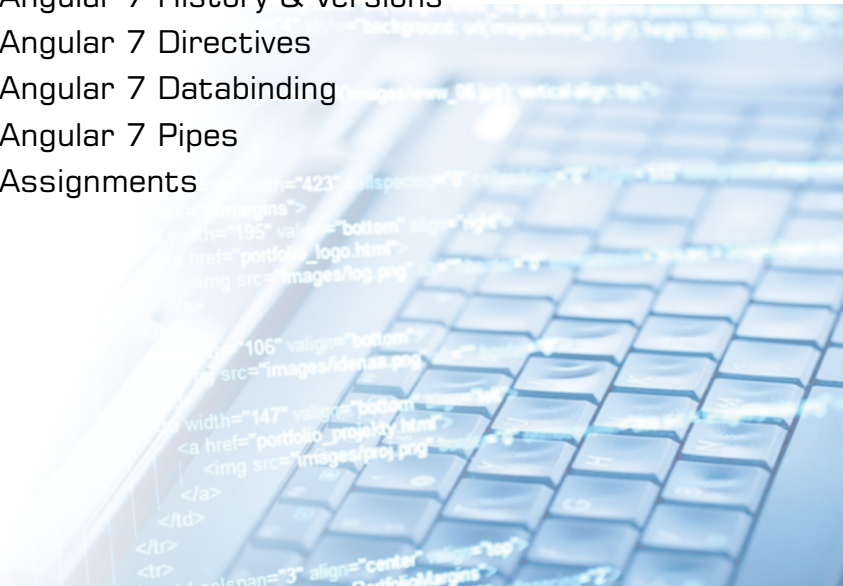- Introducting to Web Applications & Security
- Assignments

Certificate Course in VB.Net Programming

**Duration
2 Months**

Contents:

- Microsoft .NET Overview
- Introduction to VB.Net
- Introduction to Visual Studio.NET
- Object Oriented Programming
- GUI Application Development
- Assemblies
- Data access with ADO.NET
- Delegates & Multithreading
- Distributed APP Development
- Windows Control Library
- Interoperatibility with COM
- Crystal Reports & File Streams
- Windows Service
- Localization & Globalization
- Assignments

Certificate Course in Web API & Angular JS

Duration 30 Days

Contents:

- Web API
- Angular 7 History & Versions
- Angular 7 Directives
- Angular 7 Databinding
- Angular 7 Pipes
- Assignments

Certificate Course in (Using .Net (Microsoft stack))

Duration 6 Months

Contents:

- C#
- ASP .Net
- ADO .Net
- ASP .Net
- SQL Server
- Assignments

Certificate Course in SQL Server

Duration 45 Days

Contents:

- SQL Server Keys, Constraints and Indexes
- SQL Server Privileges
- SQL Server Database Administration
- SQL Server Programming
- SQL Server Comparison Operators
- SQL Server Query Types
- SQL Server Joins
- SQL Server Clauses
- SQL Server SQL Functions
- SQL Server Tables and Views
- SQL Server Data TypesSQL Server Conditions
- Assignments