

Certificate in Visual Basic

CCE offers many job oriented computer courses.”Certificate in Visual Basic” is one of the CCE approved course.The detailed contents of this course is in the attachment.

COURSECODE: CCE-CC22
ELIGIBILITY: 10th
DURATION : 2 Months

SYLLABUS

Computer Programming

- Introduction To Programming , Types Of Programming Languages: Low Level Languages , Assembly Languages , Machine Languages , Language Possessors

Introduction To Visual Basic

- Introduction To Programming , Advantages & disadvantages , Features , Edition

Building a VB Application

- Project , Forms , Controls , Properties , Event Procedures , Modules , VB Operate Modes , Setting Properties , Writing Codes

Controls

- VB Standard controls

Data Types

- Type Declaration Character , Variables: Variable declaration , Default Variant , Implicit , Explicit , Procedure Level , Form Level , Global Level

Message Box

Operator in Visual Basic

- Introduction To Operators: Arithmetic Operators , Relational Operators , Logical Operators

Conditional Branching

- The If Statement & Select Statement: Simple If Statement , If Else Statement , Nested If Statement , If Else ladder , The Select Statement

Special Events

- Change Event , Key Down , Key Down , Key Press , Lost Focus

System Built in Functions

- Introduction To Built in functions , Data Type Functions , Maths Functions , String Functions , Conversion Functions , Date Functions , Input Box Functions

Loops

- For Loop: For Each Control , While Loop , Do Loop , With.... End With

Procedure & Modules

- Introduction To Procedure & functions , Sub Procedures , Function Procedures , Property Procedures: Let Method , Get Method , Set Method Modules

Menu Editor

- Introduction To Menu Editor , Document Interface , MDI Form , Popup Menus

Special Controls

- ToolBar Control , Status Bar , Calendar Control , DatePicker , Ms Tabbed Dialog Control

Error and Debugging

- Introduction To Errors , Kinds Of Errors , Debugging , Handling Run Time Error

Common Dialog Controls

- Introduction To Common Dialog Controls , Open Dialog Control , Save Dialog Control , Font Dialog Control , Print Dialog Control

File System Object Component

Visual Basic and Database

- Introduction To Database , Data Control , Database Engine , ADO Data Control , Data Control Properties , Data Bound Control , ADO Data Control Methods

Programming With ADO

- Connection Object , Command Object , Recordset Object , Cursor Type , ADO Library 2.1, ADO Data Environment, Ms Hierarchical Flex Grid Control

Data Report

- Introduction To Data Report , Report Sections , Other Report Control

Component Basic

- Introduction to Com , Active X EXE , Active X DLL , ActiveX Control , Creating ActiveX DLL , Creating Active X Control , Check the Control Package & Deployment Wizard