

Diploma in RDBMS (VB/SQL/Oracle/D2K)

CCE offers many job oriented computer courses.”Diploma in RDBMS” is one of the CCE approved course. The detailed contents of this course are in the attachment.

COURSE CODE : CCE-D13

ELIGIBILITY: 10th

DURATION: 12 Months

SYLLABUS

MS Access

MS Accessa

- Introduction , Different Between DBMS /RDBMS , Hierarchy , Database File , How to Start work , Create database using wizard , Create blank Database

Data base object

- Table , Primary key , Manipulate data , Field properties , Relationships , Forms , Sub forms , Queries , Operators , Calculations , Update Query , Reports , Macro , Import data

MS Visual Basic

- Computer programming , Introduction to Programming languages , Low level languages , Assembly language , Machine languages , Language Processors

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

- Types declaration character , Variables , Variable declaration , Default variant , Implicit , Explicit , Procedure level , Form level , Global level

Message Box

Operator in Visual basic

- Introduction to operator , Arithmetic operator , Relational operator , Logical operator

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 press , Lost focus

System built in Function

- Data type functions , Math's functions , String function , Conversion function , Date function , Input box function

Loops

- For loops , For each loops , While loops , Do while loops , Withend with

Procedure & Modules

- Introduction to procedure & function , Sub procedure , Function procedure , Property procedure , 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 , Date picker , Ms tabbed dialog control

Error in Debugging

- Introduction to errors , Kinds of errors , Debugging , Handling run time error

Common Dialog Controls

- Introduction to common dialog control , Open dialog control , Save dialog control , Font dialog control , Print dialog control

File	System	Object	Component
Visual basic and data base			

- Introduction to data base , 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

ADO Data Environment

Ms Hierarchical flex grid control

Data Report

- Introduction to data report , Report section , Other report section

Component Basic

- Introduction to com , Active X EXE , Active X DLL , Active X Control , Check the control , Creating active XDDL , Creating active X control , Package & Development Wizard

RDBMS Concepts , Oracle , SQL

- Oracle Product details , Different data base model , RDBMS components –Kernel , Data dictionary , client /server computing and oracle , Overview of oracle architecture –oracle files , system and user process , Oracle memory , system data base object , protecting data.Oracle data type , working with tables , data Constraints , column level & table level constraints , defining different constraints on the table defining integrity constraints in the ALTER TABLE command , Select Command , logical operator , Range Searching , Pattern Matching , Oracle Function , Grouping data from table in SQL , Manipulation Data in SQL Joining Multiple Tables(Equi joins) , Joining a Table to self (Self joins) , Sub queries Union , intersect & Minus clause , creating view Renaming the column of a view , granting permissions –updating , Selection , Destroying view.

Developer 2000

- Identifying the Components of Oracle Developer 2000 , Forms 5.0 , Data Manipulation in Forms , Reports 3.0 and Graphics 3.0 , Creating a Basic Form Module , Exploring the Components and Wizards of the Form Builder , Blocks and Frames , Creating a Simple Form Module , Creating a Master-Detail Form Module , Creating Input and Non-Input Items in a Form Module , Creating Text Items and Display Items , Create List Items and Checkboxes , Creating a Radio Group , Form Triggers and Built-Ins , Describing the Scope of Form Triggers , Types of Form Triggers , Forms Built-Ins , Debugging Form Triggers , Creating Windows, Canvases, and Menus , Creating Windows in a Form Module , Creating Various Types of Canvases , Creating Menus and Popup Menus , List of Values , Record Groups , Editor