Miami-Dade Community College
COP 2746 - Introduction to Oracle Database Applications

Course Description: In this course, students will learn how to build and test interactive applications and will work in a graphical user interface (GUI) environment. They will learn how to customize forms with user input items such as check boxes, list items and radio groups. Students will also learn how to modify data access by creating event-related triggers.

4 Credits

Prerequisites and Corequisites :   COP 2745 Programming PL/SQL in Oracle

Course Competencies:

Competency 1:   The Student will define Form Builder concepts by.
   a. identifying the main components in a form application and how they are related
   b. running a form application
   c. retrieving, displaying, modifying, and storing data using the forms operator interface

Competency 2:   The Student will work in the Developer/2000 environment by.
   a. navigating the Developer/2000 interface
   b. using features such as Wizards and the Object Navigator
   c. working with data blocks

Competency 3:   The Student will create form documents, including components for database interaction and GUI controls by.
   a. creating a basic form document
   b. customizing the appearance of the form
   c. creating additional input items

Competency 4:   The Student will enhance functionality to interact with GUI controls by.
   a. modifying forms using triggers
   b. managing windows and canvases
   c. creating reusable objects and code
   d. linking one form document to another
   e. modifying default transaction processing
   f. defining multiple form functionality