

Miami-Dade Community College
COP 2748 - Oracle Report Building

Course Description: In this course, students will build a variety of standard and custom reports in a client-server environment. Working in a graphical user interface (GUI) environment, students will learn how to retrieve, display and format data in many styles to create tabular, matrix, mailing label and letter reports. They will also learn how to customize more complex reports, embed graphical charts in reports and use the Intelligent Remote Reports Server.

4 Credits

Prerequisites and Corequisites : COP 2746 Introduction to Oracle Database Applications

Course Competencies:

Competency 1: The Student will identify Report Builder concepts by.

- a. identifying the main components in a report document and how they are related
- b. identifying Microsoft Windows-specific features

Competency 2: The Student will design and run reports by.

- a. identifying standard report design styles
- b. running existing reports to various output destinations
- c. creating reports using the Report Wizard
- d. modifying a report in the Live Previewer
- e. using report parameters and customizing a parameter form
- f. using the various reports storage methods

Competency 3: The Student will enhance a report by.

- a. using the Data Model
- b. using the Layout Model
- c. modifying properties
- d. managing report templates
- e. creating other report styles such as break reports, mailing labels, and matrix reports
- f. embedding a chart in a report
- g. coding PL/SQL triggers in reports
- h. maximizing performance using the Reports Server
- i. using the Report Builder built-in package
- j. monitoring report performance
- k. building reports for different environments