

Master Syllabus

CIS 2268 - Introduction to Oracle

Division: Business and Public Services

Department: Computer Information Systems

Credit Hour Total: 3.0

Lecture Hrs: 3.0

Prerequisite(s): CIS 2165

Date Revised: February 2014

Course Description:

Introduction to Oracle database management system in a client/server environment. The course covers Structured Query Language (SQL) and Oracle development tools. Students are taught to create and maintain database objects and to store, retrieve and manipulate data, and create blocks of application code that can be shared by multiple forms, reports and data management applications.

General Education Outcomes:

- ▣ Critical Thinking/Problem Solving Competency
- ▣ Computer Literacy Competency
- ▣ Information Literacy Competency
- ▣ Oral Communication Competency

Course Outcomes:

Create and maintain database objects

Use Structured Query Language (SQL) to create and maintain database objects.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher on tests

Assessment Method: Performance appraisals

Performance Criteria: 70% or higher on project rubric

Data manipulation and user management

Use Structured Query Language (SQL) to retrieve, insert, update and delete data, as well as control data and user access.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher on tests

Assessment Method: Performance appraisals

Performance Criteria: 70% or higher on project rubric

Oracle Developer Database Management Systems (DBMS) development tools

Develop a database application using the Oracle Developer DBMS development tools.

Assessment Method: Performance appraisals

Performance Criteria: 70% or higher on project rubric

Outline:

Client/Server Databases
Creating and Modifying Database Tables
Using Structured Query Language (SQL) to add, view and update data
Oracle developer tools