

## 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
- ▣ Computer Literacy
- ▣ Information Literacy
- ▣ Oral Communication

### 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