

# DBA 110 Database Concepts

## COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

This course introduces database design and creation using a DBMS product. Emphasis is placed on data dictionaries, normalization, data integrity, data modeling, and creation of simple tables, queries, reports, and forms. Upon completion, students should be able to design and implement normalized database structures by creating simple database tables, queries, reports, and forms.

Course Hours Per Week: Class, 2. Lab, 3. Semester Hours Credit, 3.

## LEARNING OUTCOMES:

Upon completing requirements for this course, the student will be able to:

1. Identify Relationships in a database.
2. Design normalized database structures.
3. Query a database.

## OUTLINE OF INSTRUCTION:

- I. Introduction
  - A. Introduction to the Oracle Academy
  - B. Data vs. Information
  - C. History of ~~2uipo ofhiatd datw (E dcr ON 506 datP- yDW\$ jda~~



- B. NULL Functions
- C. Conditional Expressions

**REQUIRED TEXTBOOK AND MATERIAL:**

Oracle Academy and Oracle Application Express (APEX) – FREE resources