



COURSE INFORMATION SHEET

Note: If a more detailed, instructor/section-specific course information sheet is required, please contact the department.

DEPARTMENT:

Business Administration/Economics

COURSE:

CIS221 Applied Database Concepts With an Oracle Database

COURSE DESCRIPTION:

A sound introduction to database concepts using the database Oracle. Emphasis will be on using Oracle to build and maintain relational databases. The student will create databases, queries, custom forms and reports, and use PL/ SQL. Two class hours. Two lab hours. 3 Credits.

COURSE PREREQUISITES:

CSC 101 or CIS 200 with a grade of C or better

COURSE LEARNING OUTCOMES:

1. Define database terminology
2. Develop a table design from user requirements.
3. Implement a table design in a database.
4. Develop a query of a database from specifications.
5. Convert a set of un-normalize tables to the Third Normal Form (3NF).
6. Implement a selection, update and delete query in a database using SQL.
7. Develop an input form from specifications.
8. Develop a custom report from specifications
9. Explain the responsibilities of the database administrator.