

DBA 110 Database Concepts and Applications

Credit Hours	Lecture Hours	Lab Hours	Prerequisite or Corequisite
3	2	2	none

CATALOG DESCRIPTION

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

REQUIRED RESOURCES

Textbook(s)

Concepts of Database Management, Fifth Edition; Pratt and Adamski and Microsoft Office Access 2003, Volume 1; Grauer and Barber

Materials

Technology

none

LEARNING OBJECTIVES

- 1 Understand the fundamental concepts of relational database theory and functionality
- 2 Be familiar with basic database terminology
- 3 Be familiar with basic database design method
- 4 Be able to design and implement a basic, functional relational database
- 5 Be able to design and create supporting tables, queries, reports and form
- 6 Have a working, executable knowledge of basic SQL theory and commands
- 7 Have a working knowledge of Microsoft Access 2000 / 2003

COURSE DELIVERY METHODS

If this course is taught as an online, hybrid, or web enhanced course; the course will require access to the PCC Blackboard learning system via the Internet. Students are expected to login to the Blackboard course **AT LEAST 3 times per week**. Students are also expected to use the PCC Campus Cruiser web mail system to correspond with the instructor and **check email at least once every 24 hours Monday – Friday**.

COURSE SPECIFIC INFORMATION

Microsoft access software is required for this class.

Complete syllabus with due dates, attendance policies, and other information is provided by the instructor for the course.

Last Updated July, 2007