

Course Syllabus

Course Name: Database Concepts
Course Number/Section: DBA 110 / OL1

Fall Semester 2010 Class Hours: Online

Instructor:	Lee Anne H. Bryan, M.EGR.	Office Location:	Building 17 – Office 103 Parker High Technology Building
Office Phone:	(910) 879-5653	Office Hours:	Monday: 8:00–10:00 am Tuesday: 9:50-10:50 am Wednesday: 9:00–10:00 am Thursday: 9:50-10:50 am
E-mail:	lbryan@bladencc.edu		
Instructor Webpage:	http://www.n4rsa.com		

TEXT, REQUIRED SOFTWARE and MATERIALS:

Concepts of Database Management, sixth edition, Authors: Philip Pratt and Joseph Adamski, Course Technology, 2008, ISBN 1423901479.

Database Software

(1) USB 2.0 Portable Flash Drive (at least 512 MB)

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.

Special Needs Information: Students with special needs related to a diagnosed disability should contact Tommy Rains (910.879.5570; trains@bladencc.edu) in student services for assistance.

GOALS/STUDENT LEARNING OUTCOMES (Students will be able to demonstrate competency in the following areas):

1. Explain the meaning of DBMS terminology
2. Understand the role and importance of normalization
3. Successfully design a database
4. Create simple database tables, queries, reports, and forms

REQUIREMENTS:

Discussion Forums
Assignments
Tests
Mid-Term Exam
Case Projects
Research Paper
Database Design Project
Final

EVALUATION:

Regular attendance is required to pass this course. After 16 hours of absence, the student is dropped. This roughly equals 3 weeks of classes.

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All assignments will be given a point value; grades will be recorded as having achieved an amount of the total points possible.

Attendance and Participation	10%
Tests	20%
Mid-Term Exam	10%
Assignments / Case Projects	30%
Research Paper	10%
Database Design Project	10%
Final Exam	10%*

*Exempt from Final Exam if student has an A average with 2 or less absences.

100 – 90 = A	89 – 80 = B	79 – 70 = C	69 – 60 = D	59 and below = F
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Academic Integrity: In addition to good academic performance, students should exhibit honesty and integrity. If there is any question that academic honesty and integrity are not honored, students may be required to redo assignments in the presence of an instructor-selected monitor. Proof of dishonesty, including plagiarism, will make students subject to disciplinary action. Please consult your college catalog for more information.

Ground Rules:

1. Course Management:

- The course is located at the Moodle link on the college web page, <http://www.bladenc.edu>.
- Anticipated E-Mail Response Time is within above stated Office Hours.
- Anticipated Graded Assignment Turn-Around Time is one week from due date.
- For any assistance needed with email (Phillip Pope, ppope@bladenc.edu), Moodle (Maurice Mitchell, mmitchell@bladenc.edu), or Webadvisor (David Gooden, dgooden@bladenc.edu) please see the BCC homepage. From the homepage click on the Distance Education Link and look for the link to 24/7 Moodle Support or IT helpdesk.

2. Course Attendance:

- Course attendance of 100% is expected.
 - If contact is not made prior to the 10 percent point of the course, then the student will be dropped from the course with a grade of "W".
 - If absences exceed 20% of all scheduled contact hours, the student will be dropped from the course with a grade of "W" or "WF" depending on the official withdrawal date.
 - If absent from class for two consecutive weeks, the student will be dropped from the course with a grade of "W" or "WF" depending on the official withdrawal date.
- See the college catalog for current policy concerning class attendance, tardiness, drop / add periods, etc.

3. Course Assignments:

- All submissions must be made through the appropriate Moodle links unless instructor specifies differently. No email attachments or paper copies will be accepted.
- Late assignments will be assessed a penalty of 10% per day. No exceptions are made. Assignments more than one week late will not be accepted and will receive a grade of 0. However, no late assignments will be accepted during final exam week.
- The student will be responsible for completing and saving assignments in the specified file types. Any other format will not be accepted.
- The student will be responsible for completing the lab assignments and will be expected to fully

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understand the material. Completion of all assigned labs is a requirement for successful course completion.

4. Course Quizzes and Exams:

- Quizzes, tests, and exams must be taken on the scheduled date; otherwise a grade of zero will be assigned. Any exceptions to this policy must be the result of a documented emergency or prior arrangement with the instructor.
- Do not wait until the last scheduled date to take any quizzes, tests, or exams in case of computer or technical difficulties.

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Course Schedule (*Highly Volatile and Subject to Change!*)

Week 1 Aug. 21-29	Syllabus; Moodle Orientation
Week 2 Aug. 30-Sept. 5	Introduction to Database Management – Chapter 1
Weeks 3-4 Sept. 6-19	The Relational Model 1: Introduction, QBE, and the Relational Algebra – Chapter 2; Test #1
Weeks 5-6 Sept. 20-Oct. 3	The Relational Model 2: SQL – Chapter 3
Week 7 Oct. 4-10	The Relational Model 3: Advanced Topics – Chapter 4
Weeks 8-9 Oct. 11-24	Mid-Term Exam; Database Design 1: Normalization – Chapter 5
Weeks 10-11 Oct. 25-Nov. 7	Database Design 2: Design Methodology – Chapter 6
Week 12 Nov. 8-14	DBMS Functions – Chapter 7
Weeks 13-14 Nov. 15-28	Test #2; Database Administration – Chapter 8
Week 15 Nov. 29-Dec. 5	Database Management Approaches – Chapter 9
Week 16 Dec. 6-9	Final Exam