

SYLLABUS **CSC 512-01** **Spring 2003** **Revised 1/09/03**

Course Title: Database Management for Teachers

Texts: *Applications Development in Microsoft Access 2000*, by Dick Baldwin and David Paradise, Course Technologies, 2000

Description: Goals of DBMS including data independence, relationships, logical organizations, schema and subschema. Designing databases including lossless join, dependence preserving normal form decompositions. Using relational database management systems. Constructing applications which include databases. Data integrity and reliability. As announced. Credit, 3 semester hours. PREREQ: CSC 510 or permission of instructor and program coordinator.

Narrative: This course is designed to provide an introduction to database applications development. Emphasis is given to object-oriented, event driven programming using Visual Basic for Applications.

Objectives: After successfully completing this course the student should be able to design object-oriented, event driven database applications, and implement and test such applications using Visual Basic for Applications.

Instructor: Dr. William H. Campbell, 114 Science Bldg., 521-6244, bill.campbell@uncp.edu

Office Hours: M 10:00-11:00, T 1:00-2:00, W 11:00-12:00, R 1:00-2:00, F 10:00-11:00. Normally I am here until 5:00 or 6:00 so feel free to drop by. Have your work in your network folder if you are having trouble with a program.

Grading: I will use class participation, homework, and programming assignments, and a major project to determine your grade. You are expected to attend every class and to participate in class activities. You are expected to do all your work on time. You may discuss the assignments with each other but the projects you submit for grading must be your own work. You are expected to request extra help if you need it.

Grading Scale: 90-100 = A, 80-89 = B, 70-79 = C, below 70 = F

Any student with a documented disability needing academic adjustments is requested to speak directly to Disability Support Services and the instructor, as early in the semester (preferably within the first class week) as possible. All discussions will remain confidential.

This publication is available in alternative formats upon request. Please contact Mary Helen Walker, Disability Support Services, Career Services Center, 521-6270.