

NorthWest Arkansas Community College
Business and Computer Information Course Outline
CISM 2403 ADVANCED DATABASE MANAGEMENT (On Demand)

Catalog Description

This course will cover advanced database features continuing from CISM 1403 including multiple table operations, advanced queries, screens and reports. Emphasis will be given to applying student skills to real world situations.

Prerequisites

CISM 1403 Database Management - Access
CISM 1303 Operating Systems - Windows

Target Audience

This course is for students seeking self-improvement or an AAS degree in Computer Information

Credit Hours/Contract hours/Load hours: 3/3/3

General Course Objectives

Knowledge:

- Demonstrate competence of microcomputer concepts using database software.
- Design, create, update, and maintain data base files, tables, forms and reports using a structured format.

Critical Thinking:

- Analyze problems and evaluate the output.

Cultural Awareness:

- Appreciate the ability to organize and retrieve data for selected solutions.

Required Text(s)

New Perspectives on Microsoft Access 2003 w/Visual Basic for Applications, by Oxford.
Publisher: Course Technology: 2004. ISBN 0-619-20673-X

Optional Text(s)

Topics Covered

Database Objects	Complex Reports and Queries
Design and Document	User Interface
Import Wizards	Visual Basic Integration
Action Queries	Securing Databases and Object Models
SQL	Connecting to WWW
Complex Forms	

Instructional Activities

Students may require additional time in the computer lab to complete software projects.

Resources

General Student Access Lab