CS 63.11A Course Outline as of Spring 2010

CATALOG INFORMATION

Dept and Nbr: CS 63.11A Title: MS ACCESS, CORE
Full Title: Microsoft Access, Core
Last Reviewed: 2/12/2024

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	1.50	Lab Scheduled	1.50	4	Lab Scheduled	26.25
		Contact DHR	0		Contact DHR	0
		Contact Total	2.50		Contact Total	43.75
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00 Total Student Learning Hours: 78.75

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	BOT 73.14A

Catalog Description:
Learn to use Windows database management software package, Microsoft Access, with a hands-on introduction to database administrative tasks: data input, storage, retrieval, editing and reporting.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100.
Completion Windows CS 166.12 (or formerly BOT 161.2)

Limits on Enrollment:

Schedule of Classes Information:
Description: Learn to use Windows database management software package, Microsoft Access, with a hands-on introduction to database administrative tasks: data input, storage, retrieval, editing and reporting. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100.

Completion Windows CS 166.12 (or formerly BOT 161.2)
Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Transferable	Effective:	Fall 2000	Inactive:
UC Transfer:		Effective:		Inactive:

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Upon completion of the course, students will be able to:
1 Explain basic database concepts and terminology
2 Assess the purpose and appearance of data objects
3 Demonstrate ability to manipulate data files
4 Create databases and add, edit, modify, and delete records
5 Select appropriate table structures, modify, and enhance views
6 Create queries and reports to display specific results
7 Originate queries on multiple tables and analyze information

Topics and Scope:

1. Using a Database
 a. A database that satisfies a collection of requirements
 b. Access window features
 c. Creating a database
 d. Creating a table and adding records
 e. Custom reports
 f. Split forms
 g. Access HELP as a resource

2. Querying a Database
 a. Creating queries using the simple query wizard
 b. Creating queries using design view
 c. Text and numeric data in criteria
 d. Saving a query and using the saved query
 e. Sorting data and joining tables in queries
 f. Creating a report from a query

g. Calculating statistics in queries
h. Compound criteria in queries
i. Query reports
j. Table relationships

3. Maintain a Database
a. Adding, changing, and deleting records
b. Search and filter records
c. Updating a table design
d. Formatting a datasheet
e. Action queries to update records
f. Single-valued and multi-valued Lookup fields
g. Sorting records

Assignment:

Completion of exercises and drills.
Submission of assignments to an online drop box.
Final project uploaded online to demonstrate skills presented in class.
Multiple choice or completion of online quizzes or tests.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems	Problem solving 20 - 50%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Software functions and formatting	Skill Demonstrations 40 - 50%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion	Exams 5 - 20%

Other: Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation in class and online.	Other Category 0 - 10%

Representative Textbooks and Materials:
Shelly, Cashman, & Pratt, Microsoft Office Access 2007: Comprehensive Concepts and Techniques, 1st edition, published by Thomson Course Technology, 2008.