

COMSC 291, Introduction to File and Database Management

3 credits, 3 hours lecture, 3 hours lab

Course Description

The course includes basic concepts in computer data organization and information processing; hardware, physical organization, and access methods for file storage, file I/O; introduction to database systems.

Pre and Co-requisites

COMSC201

Course Learning Outcomes (CLOs)

Upon successful completion of the course, the student shall be able to:

CLO1 Understand file and database fundamentals.

CLO2 Interact with DBMS using SQL.

CLO3 Write applications that make use of DBMS to administer user data.

CLO4 Identify data security risks.

Evaluation

Assessment Type	Percentage
Quizzes	10%
Midterm Exam	25%
Final Exam	35%
Assignments	10%
Lab	20%

Course Completion Requirements

Minimum passing mark of D or 50% is required.

Grading Scale

4.0 Grade Scale	Alpha Grade	Percentage Grade
4.0	A+	93-100
4.0	A	85-92.9
3.7	A-	80-84.9
3.3	B+	77-79.9
3.0	B	74-76.9
2.7	B-	70-73.9
2.3	C+	67-69.9
2.0	C	64-66.9
1.7	C-	60-63.9
1.3	D+	55-59.9
1.0	D	50-54.9
0.0	F	0-49.9

Land Acknowledgement

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