

GEORGIA COLLEGE & STATE UNIVERSITY COURSE SYLLABUS

Database Management

Semester:	Spring	Year:	2023
Course Title:	Database Management	Course #:	MMIS 6296
Instructor:	Dr. Bryan Marshall	Office:	Online
E-Mail:	bryan.marshall@gcsu.edu		
Phone:	478-445-2137		
Premium			
Support Hours:	T 7:30 – 8:15 pm		

Catalog Description

Management of data as a resource. Development of a conceptual framework to evaluate, select, acquire, install, and maintain commercial data base management packages for use in information systems. Data structures, data storage, data representation, data flow, data dictionaries, access methods, utilities, query languages, security backup, configuration control, distributed data bases, and future directions in data base management are explored.

Course Outcomes

The broad goals in the course are three:

1. Demonstrate a thorough understanding of the elements of database management systems by building database management systems.
2. Demonstrate a thorough understanding of the managerial issues involved in database management by examination and presentations.
3. Demonstrate a thorough knowledge of data modeling techniques and their use with CASE tools through the actual design of database management systems.

Grading (1000 points)

2 Exams (100 pts each)	20% of grade
5 Lynda Courses (50 pts each)	25% of grade
7 Assignments (50 pts each)	35% of grade
1 Final Project (200 pts)	20% of grade

Required Textbooks

Database Design - 2nd Edition by Adrienne Watt
<https://open.umn.edu/opentextbooks/textbooks/354>

Desire2Learn

The class assignments/grades are managed through D2L.

ALL OF YOUR ASSIGNMENTS WILL BE UPLOADED AND GRADED ON D2L!!!

Module	Dates	Readings / Content	Exams	Assign	Lynda
1	1/9 – 1/22	Fundamentals Chapter 1, Chapter 2, Chapter 3		A1	L1
2	1/23 – 2/5	Data Modeling Chapter 4, Chapter 5, Chapter 6		A2	L2
3	2/6 – 2/19	Relational Model Chapter 7, Chapter 8, Chapter 9	Exam 1	A3	L3
4	2/20 – 3/5	Normalization Chapter 10, Chapter 11, Chapter 12		A4	L4
5	3/6 – 3/26	Database Management Chapter 13, Chapter 14		A5	L5
6	3/27 – 4/9	Structured Query Language Chapter 15		A6	
7	4/10 – 4/23	SQL Data Manipulation Chapter 16	Exam 2	A7	
8	4/24 – 5/3		Final Project		

Homework Policy

Homework is expected to be completed *individually* unless otherwise directed. Please turn in your work on time for full credit. Points will be deducted for late work submitted. **Exams** and **Quizzes** cannot be turned in after their due dates without prior arrangement.

Late submissions – Assignments can be turned in after the due date. The following penalties will be applied:

- Past time due – 10%
- 24 hours past time due – 20%
- 48 hours past time due – 30%
- 72 hours past time due – 40%
- 1 Week or more past due – 50%

Academic Honesty

The integrity of students and their written and oral work is a critical component of the academic process. The submission of another's work as one's own is plagiarism and will be dealt with using the procedures outlined in the GC Catalog. Remember that allowing another student to copy one's own work violates standards of academic integrity.

- All submitted work must be your own work
- Discovery of inauthentic work will result in a zero for the whole assignment/test
- Discovery of copied work will result in a zero for both the person that copied and the person that the work was copied from
- Plagiarism detection tools will be used in this course

Required Syllabus Statements

Use the following link to view the required syllabus statements:

<https://www.gcsu.edu/required-syllabus-statements-registrar>

Lynda Videos

Lynda 1: SQL for Non-Programmers (Jan 2021)

Julianne Thouin (1h 30m)

<https://www.linkedin.com/learning/sql-for-non-programmers>

Lynda 2: Relational Databases Essential Training (Sep 2019)

Adam Wilbert (2h 12m)

<https://www.linkedin.com/learning/relational-databases-essential-training>

Lynda 3: Programming Foundations: Databases (Mar 2019)

Scott Simpson (1h 25m)

<https://www.linkedin.com/learning/programming-foundations-databases-2>

Lynda 4: Learning Relational Databases (Sep 2017) *FINAL EXAM

Adam Wilbert (2h 43m)

<https://www.linkedin.com/learning/learning-relational-databases-2>

Lynda 5: Learning SQL Programming (Mar 2021) *FINAL EXAM

Scott Simpson (1h 46m)

<https://www.linkedin.com/learning/learning-sql-programming-8382385>