



DATABASE INTEGRATIONS

DINT400 — Database Integrations, 3.0 hours

PROFESSOR

Maurice C. Barnes is a Senior Database Administrator with the Department of Defense (DOD), where he has devoted 80 percent of his time improving department business practices and daily operating procedures.

Maurice has been a primary asset to the United States government in implementing the conversion from Hewlett Packard (HP) and Dell legacy hardware systems to virtual and cloud base infrastructures in an effort to improve productivity and efficiency while reducing cost.

Maurice is a frequent volunteer at multiple non-profit organizations throughout Autauga and Montgomery Counties in an effort to mentor young teenagers and adults.

CONTACT INFORMATION

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Cell Phone: 800-517-0857 X 708

ONLINE SUPPORT (IT) AND MOODLE NAVIGATION:

All members of the Lakewood University community who use the University's computing, information or communication resources must act responsibly. Support is accessible by calling 1-800-517-0857 option 2 or by emailing info@lakewood.edu

BOOKS AND RESOURCES

Kroenke, David. Database Concepts. 8th ed. Pearson, 2018.

EVALUATION METHOD

Graded work will receive a numeric score reflecting the quality of performance.

Course Requirement Summary

- Assignments - Total of 60 Points
- Weekly discussion forums-Total of 80 Points
- Final Exam - 50 Points

GRADING SCALE

Graded work will receive a numeric score reflecting the quality of performance as given above in evaluation methods. The maximum number of points a student may earn is 190. To determine the final grade, the student's earned points are divided by 190.

Your overall course grade will be determined according to the following scale:

A = (90% - 100%)
B = (80% - 89%)
C = (70% - 79%)
D = (60% - 69%)
F < (Below 60%)

ACADEMIC INTEGRITY/ PLAGIARISM:

Cheating (dishonestly taking the knowledge of another person whether on a test or an assignment and presenting it as your work) and plagiarism (to take and pass off as one's own the ideas or writing of another) are a serious issue. While it is legitimate to talk to others about your assignments and incorporate suggestions, do not let others "write" your assignments in the name of peer review or "borrow" sections or whole assignments written by others. We do get ideas from life experiences and what we read but be careful that you interpret these ideas and make them your own.

I am aware that many types of assignments are available on the internet and will check these sources when there is legitimate suspicion.

Penalty is a zero on the assignment. In cases where there is a major or continuous breach of trust, further discipline, such as an "F" in the course, may be necessary.

The major consequence of any form of cheating is damage to your character and the result of trust and respect.

DISABILITY ACCOMMODATIONS

Students who may have a disability meriting an academic accommodation should contact Jim Gepperth, the Disabilities Services Coordinator and Academic Dean. For accommodations to be awarded, a student must complete a form and provide documentation of the disability to the Disability Services Coordinator. Any accommodations for disabilities must be re-certified each year by the Disability Services Coordinator before course adjustments are made by individual instructors. Additional information on disability accommodations may be found in the Lakewood University Catalog.

SUPPLEMENTAL TEXTS

You can use the following resources to assist you with proper source citation.

American Psychological Association Style Guide- https://www.mylakewoodu.com/pluginfile.php/118179/mod_resource/content/1/APA%20Style%20Guide%207th%20edition.pdf

The Purdue OWL website is also a helpful resource for students. Here is a link to the OWL website: https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html

LIBRARY

Mary O'Dell is the Librarian on staff at Lakewood University

She is available by appointment. You can make an appointment with her by emailing her at modell@lakewood.edu or call at 1-800-517-0857 X 730

You may also schedule a meeting at this link: <https://my.setmore.com/calendar#monthly/r3a761583354923270/01032020>

She can assist you with navigating LIRN, research, citations etc.

SUPPORT

Each student at Lakewood University is assigned a Success Coach. Your Success Coach exists to assist you with academic and supportive services as you navigate your program. They will reach out to you, often, to check-in. Please use the resources they offer.

Student Services is available to assist with technical questions regarding Lakewood University and all services available to you.

1-800-517-0857 option 2
info@lakewood.edu
studentservices@lakewood.edu

CAREER SERVICES

Students are offered Career Services at any point as they journey their academics at Lakewood University.

1-800-517-0857 option 2
careerservices@lakewood.edu

LESSONS

TITLE	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES
Lesson #1	<ul style="list-style-type: none">Getting Started	Study Course Syllabus Read Chapter 1 Participate in the Discussion Forum Complete Assignment 1 Lesson Evaluation	Assignment 1 upon completion of the lesson	Objective 1
Lesson #2	<ul style="list-style-type: none">The Relational Model	Read Chapter 2 Participate in the Discussion Forum Complete Assignment 2 Lesson Evaluation	Assignment 2 upon completion of the lesson	Objective 4
Lesson #3	<ul style="list-style-type: none">Structured Query Language	Read Chapter 3 Participate in the Discussion Forum Complete Assignment 3 Lesson Evaluation	Assignment 3 upon completion of the lesson	Objective 7
Lesson #4	<ul style="list-style-type: none">Data Modeling and the Entity-Relationship Model	Read Chapter 4 Participate in the Discussion Forum Lesson Evaluation		Objective 2 Objective 4
TITLE	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES

Lesson #5	<ul style="list-style-type: none"> Database Design 	Read Chapter 5 Participate in the Discussion Forum Lesson Evaluation		Objective 3 Objective 7
TITLE Lesson #6	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES
	<ul style="list-style-type: none"> Database Administration 	Read Chapter 6 Participate in the Discussion Forum Lesson Evaluation		Objective 4
TITLE Lesson #7	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES
	<ul style="list-style-type: none"> Database Processing Applications 	Read Chapter 7 Participate in the Discussion Forum Lesson Evaluation		Objective 5
TITLE Lesson #8	COURSE TOPIC	READINGS/ASSIGNMENTS	DUE	OBJECTIVES
	<ul style="list-style-type: none"> Data Warehouses, Business Intelligence Systems, and Big Data 	Read Chapter 10 Participate in the Discussion Forum Complete the Final Exam Request the Next Course Lesson Evaluation THANKS FOR A GREAT CLASS	Final exam upon completion of the lesson	Objective 6

DESCRIPTION

This course will help students understand issues arising in data integration, focusing on the theoretical foundations of the area, and algorithms and software systems facilitating integration.

Program Objectives

1. Database Fundamentals
2. The Relational Model
3. Structured Query Language
4. Data Modeling and the Entity-Relationship Model
5. Database Design
6. Database Administration
7. Database Processing Applications
8. Data Warehouses, Business Intelligence Systems, and Big Data

DETAILS

OBJECTIVES

1. Database Fundamentals
2. The Relational Model
3. Structured Query Language
4. Data Modeling and the Entity-Relationship Model

5. Database Design
6. Database Administration
7. Database Processing Applications
8. Data Warehouses, Business Intelligence Systems, and Big Data