

CSE 204
DATABASE MANAGEMENT SYSTEMS
Spring 2025

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Office Hours:	Thu 10:00 - 12:00 or by appointment

Course Schedule:

Time: Tuesday & Thursday 15:30 - AMFİ 2

Textbook:

- T. Connolly and C. Begg, *Database Systems: A Practical Approach to Design, Implementation, and Management, Global Edition*. Pearson (Intl), 2014. ISBN-13: 9781292061184

Course Resources:

The lecture slides, announcements, and homework will be available through [Microsoft Teams](#). Make sure that you have been added to the course **25B.CSE 204.Database Systems.Ö.1**. It is your responsibility to check frequently for updates concerning this course.

Course Objectives:

This course introduces the fundamentals of database systems including relational data model, entity/relationship model, SQL, query optimization, integrity constraints, and normalization. Upon successful completion of this course, students will be able to:

- Understand DBMS and RDBMS
- Explain the basic components of an E-R Model
- Normalize a database
- Obtain data from a database using SELECT SQL queries
- Alter data in a database using UPDATE, DELETE, INSERT SQL queries
- Design, create, and modify structure of a database

Academic Integrity: 🚫 If you get caught cheating or committing academic fraud in any way, maximum appropriate action will be taken. These actions include but are not limited to:

1. Assigning a grade of **zero** to the assignment
2. Assigning a final grade of **zero** for the whole course
3. Referring the matter to the disciplinary committee

It is encouraged to discuss course topics and assignments amongst yourselves. However, please cooperate by doing your own work and not seeking inappropriate help from your classmates.

Grading Policy

Assignments	20%
Quizzes	
Midterm	20%
Project	20%
Final	40%
Total	100%

Course Outline (tentative):

Week	Tue	Thu	Chapter	Subject
01	Feb 11	Feb 13	1, 4	Introduction, Relational Model
02	Feb 18	Feb 20	6	SQL
03	Feb 25	Feb 27	6, 7	Advanced SQL
04	Mar 4	Mar 6	10	Database System Development
05	Mar 11	Mar 13	11	Database Analysis
06	Mar 18	Mar 20	12, 13	Entity Relationship Model
07	Mar 25	Mar 27	13, 14	E-R Model, Intro to Normalization
08	Apr 1	Apr 3		Ramazan Bayramı & Normalization
09	Apr 8	Apr 10		Tentative Midterm Week
10	Apr 15	Apr 17	14, 15	Normalization
11	Apr 22	Apr 24	16	Conceptual Database Design
12	Apr 29	May 1	17, 18	Logical & Physical Database Design Emek ve Dayanışma Günü
13	May 6	May 8		Group Presentations
14	May 13	May 15		Group Presentations
15	May 20	May 22		Group Presentations, Final Review

IMPORTANT NOTES:

If you need to email me, please

- Use my university email address josephledet@akdeniz.edu.tr or Teams
- Begin the subject line with "CSE 204" and include a brief (maximum of a few words) description of your comment or question
 - CSE 204: Midterm Exam
 - CSE 204: Assignment 2
 - CSE 204: Quiz 01
- I will do everything within my power to respond within 24 hours (business day)
- Make sure your question has not already been addressed in the course material
- If you have concerns about grading, contact me within a reasonable amount of time
- If you are asking to have a grade increased, have a valid reason why
 - The solution does work, but maybe the grader did not understand completely
 - The grader did not see a part of the solution on another page
 - **NOTE:** I really, really, really want/need to pass this class is NOT a valid reason
- Keep up with the course.
- When in doubt...ASK!
- Attempting and failing is better than not attempting at all.
- Practice, practice, practice!
- If you have a class conflict or if you want to use a previous year's quiz grades or group project grades, we must be notified by email no later than the end of the third class week (28-Feb-2025)

THIS WEEK Install a tool for SQL or MySQL/PHP: [List of Packages](#)

Suggestions include

General	Windows	Mac OSX	Linux
XAMPP ORACLE	WAMP Microsoft Access	MAMP	LAMP