

CSE 204  
DATABASE MANAGEMENT SYSTEMS  
Spring 2022

---

<b>Instructor:</b>	Joseph LEDET
<b>Office:</b>	Computer Engineering Building 2nd Floor
<b>Email:</b>	<a href="mailto:josephledet@akdeniz.edu.tr">josephledet@akdeniz.edu.tr</a>
<b>Office Hours:</b>	Wednesday 12:30 - 14:30 or by appointment

---

<b>Assistant:</b>	Melih ÖZ
<b>Office:</b>	Computer Engineering Building 2nd Floor
<b>Email:</b>	<a href="mailto:melihoz@akdeniz.edu.tr">melihoz@akdeniz.edu.tr</a>
<b>Office Hours:</b>	Fridays 14:30 - 16:30 or by appointment

---

**Course Schedule:**

**Time:** Tuesday 15:30 & Wednesday 15:30

**Room:** D205                      D203

**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 **22B\_CSE 204 Database Management Systems\_Ö.1**. It is your responsibility to check frequently for updates concerning this course.

**Important:** You can install the mobile app (Android or IOS) to your phone so that you can get notifications whenever an announcement is made.

**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%
Midterm	20%
Project	20%
Final	40%
<b>Total</b>	<b>100%</b>

## Course Outline (tentative):

Week	Tue	Wed	Chapter	Subject
01	Feb 15	Feb 16	1, 4	Introduction, Relational Model
02	Feb 22	Feb 23	6	SQL
03	Mar 1	Mar 2	6, 7	Advanced SQL
04	Mar 8	Mar 9	10	Database System Development
05	Mar 15	Mar 16	11	Database Analysis
06	Mar 22	Mar 23	12, 13	Entity Relationship Model
07	Mar 29	Mar 30	13, 14	E-R Model, Intro to Normalization
08	Apr 5	Apr 6		Tentative Midterm Week
09	Apr 12	Apr 13	14, 15	Normalization
10	Apr 19	Apr 20	16	Conceptual Database Design
11	Apr 26	Apr 27	17, 18	Logical & Physical Database Design
12	May 3	May 4		Ramazan Bayramı
13	May 10	May 11		Group Presentations
14	May 17	May 18		Group Presentations
15	May 24	May 25		Group Presentations, Final Review

## IMPORTANT NOTES:

If you need to email me, please

- Use my university email address [josephledet@akdeniz.edu.tr](mailto:josephledet@akdeniz.edu.tr)
- 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, we must be notified by email no later than the end of the third class week (4-Mar-2022)

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

Suggestions include

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