

# Database Systems

Program in Computer Engineering  
School of Engineering

King Mongkut's Institute of Technology Ladkrabang



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# Text

- Ramez Elmasri and Shamkant B. Navathe.  
“**Fundamentals of Database Systems**”  
7<sup>th</sup> Edition., Pearson, 2017



# Course overview

- **Understand** database system concepts
- **Distinguish** pros and cons of files and database
- **Define** hierarchical, network, and relational models
- **Understand** database system architecture
- **Understand** data entities and relationships
- **Demonstrate** data modeling using Entity-Relation Diagrams
- **Demonstrate** normalize relations using normalization technique
- **Demonstrate** the use of query language

# Grade

- Assignment / Homework / Quiz 40%
- Midterm examination 30%
- Final examination 30%

# Google Classroom


Class code

**ecldkux**

Customize

## 2565-1 Sec 1 (Morning) Database Systems

1



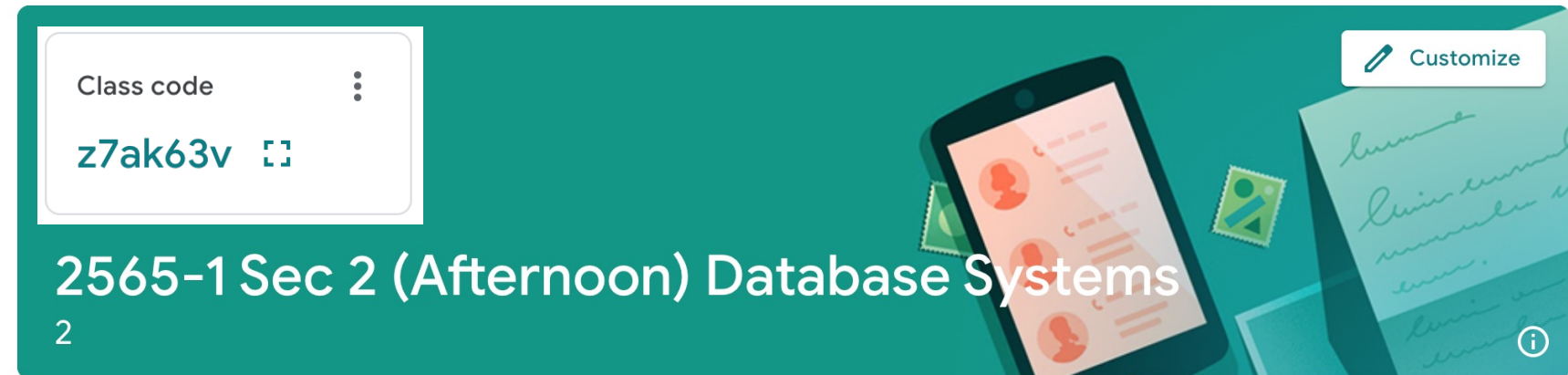
Class code

**z7ak63v**

Customize

## 2565-1 Sec 2 (Afternoon) Database Systems

2



# Homework

ให้เสร็จให้ส่งทัน

- Students are expected to fulfill their homework or assignment in time.
- Unless state otherwise, written homework must be **written** in a **pen**.  
**Typing or using word processing is unacceptable.**
- Each homework or assignment is an individual work unless stated otherwise. Collaboration study is encouraged but not blind copy other works.
- **Copy or plagiarism is strongly prohibited.**  
Penalty is either giving an **'F'** on this class, probation, or terminate student status.

