

# Database Systems

Program in Computer Engineering  
School of Engineering

King Mongkut's Institute of Technology Ladkrabang



## Pakorn Watanachaturaporn

Pakorn.Wa@KMITL.ac.th  
ECC504 / Registrar Office

# Text

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



# Course overview

- **Understand** database system concepts 1 ชั่วโมง
- **Distinguish** pros and cons of files and database รู้ข้อแตกต่าง
- **Define** hierarchical, network, and relational models จำกัดความ
- **Understand** database system architecture เข้าใจ
- **Understand** data entities and relationships เข้าใจ
- **Demonstrate** data modeling using Entity-Relation Diagrams สาธิต
- **Demonstrate** normalize relations using normalization technique สาธิต
- **Demonstrate** the use of query language สาธิต

# Grade

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


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# Google Classroom

Class code


**ecldkux**






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


1



Class code


**z7ak63v**





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

2



# Homework

- 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.

