

digital  $\rightarrow$  discrete (การไม่ต่อเนื่อง)  
↳ มีค่าเป็นตัวเลข 2 ค่า

# Data Communications

Department of Computer Engineering

Faculty of Engineering

King Mongkut's Institute of Technology Ladkrabang

# Instructors

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# Course Description

- Basic concepts of data communication; OSI model; signal characteristics; encoding and modulating; transmission of digital data; communication interface device; communication media; data multiplexing; high speed digital access (Digital Subscriber Line (xDSL), integrated services digital network (ISDN), Cable TV, SONET/SDH,); error detection and correction; data link flow control; switching; point-to-point protocol (PPP); multiple access.

# Text Book & Grading

- Text Book
  - B. A. Forouzan, Data Communications and Networking, 4<sup>th</sup> edition, McGRAW-HILL

- Grading Policy

- Online Practice 5%
- Assignment 15%
- Activity 10%
- Lab Attendance 5%
- Lab Submission 5%
- Lab Final Exam 10%
- Midterm Exam 25%
- Final Exam 25%

Score	Grade
$\geq 85.00$	A
$\geq 77.00$	B+
$\geq 70.00$	B
$\geq 65.00$	C+
$\geq 60.00$	C
$\geq 55.00$	D+
$\geq 50.00$	D
$< 50.00$	F