

# 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

		Score	Grade
— Online Practice	5%	>=85.00	A
— Assignment	15%	>=77.00	B+
— Activity	10%	>=70.00	B
— Lab Attendance	5%	>=65.00	C+
— Lab Submission	5%	>=60.00	C
— Lab Final Exam	10%	>=55.00	D+
— Midterm Exam	25%	>=50.00	D
— Final Exam	25%	<50.00	F