Instructor: Kuei-Chiang Lai (賴癸江)
Office: 92A83 (10th floor of EE building)
Phone: x62399
Email: kclai@mail.ncku.edu.tw
Office Hours: Mondays 5-6pm; Wednesdays 3-4 pm
Lecture Times: Wednesdays 1610-1900
Lecture Room: 92225

Textbook:

Reference Books:

[NOTE] All these three books have been reserved for this course (教授指定參考書) in the NCKU Library.

Course Outline (黃色部份表示類比通訊未 cover 或未 cover 完整的主題。)
1. Introduction
2. Linear Time-Invariant Systems
3. Fourier Series Representation of Periodic Signals (CTFS+DTFS)
4. Continuous-Time Fourier Transform (CTFT)
5. Discrete-Time Fourier Transform (DTFT)
6. Time and Frequency Characterization of Signals and Systems
7. Sampling
8. Z Transform

[Final exam]
Grading

[Two Midterms] + [one Final] + [homework problems & Matlab exercises]

Policy

- Zero tolerance on cheating: you will fail the entire course whenever you are caught cheating on exams.