

Spring 2010

Electronics II

Prerequisites

Electronics I

Syllabus

1. Field-Effect Transistors (FETs)
2. FET Amplifiers
3. Amplifier Frequency Response
4. Op-Amp Frequency Response, Stability and Compensation
5. Special-Purpose Op-Amp Circuits
6. Active Filters
7. Oscillators
8. Voltage Regulators

Text Book

Thomas L. Floyd, "Electronic Devices," 8th ed., 2007. (全華代理)

Optional Text

A.S. Sedra and K. C. Smith, "Microelectronic Circuit," 4th ed., Oxford University Press, 1998.

Grading Policy

Homework: 10%, Quizzes 30 %	40 %
Midterm	30 %
Final Exam	30 %

Instructor

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