

Spring 2006

**Electronics II (09420NS 211600)**

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," 7<sup>th</sup> ed., 2005. (全華代理)

Optional Text

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

Grading Policy

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

Instructor

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