

Fall 2018

Electronics I

Prerequisites

None

Syllabus

1. Introduction to Semiconductors
2. Diode Applications
3. Special-Purpose Diodes
4. Bipolar junction Transistors
5. Small-Signal Bipolar Amplifiers
6. Operational Amplifiers
7. Basic Op-Amp Circuits
8. Field-Effect Transistors (FETs)

Text Book

Thomas L. Floyd, "Electronic Devices," 9th ed., 2011. (全華代理)

Optional Text

A.S. Sedra and K. C. Smith, "Microelectronic Circuit," 5th ed., Oxford University Press.

Grading Policy

Quizzes	40 %
Midterm	30 %
Final Exam	30 %

Teaching Assistant

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Instructor

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T3T4, R4

9/12, 9/14	9/12 老師出國 停課	11/14, 11/16	Midterm
9/19, 9/21		11/21, 11/23	
9/26, 9/28	9/28 教師節 (停課)	11/28, 11/30	
10/3, 10/5		12/5, 12/7	
10/10, 10/12	10/10 國慶日 放假	12/12, 12/14	Quiz 2
10/17, 10/19	Quiz 1	12/19, 12/21	
10/24, 10/26		12/26, 12/28	
10/31, 11/2		1/2, 1/4	
11/7, 11/9		1/9, 1/11	Final

All exams are on Thursday. (11:10-12:30)