

Electromagnetics (II) (2018 Fall)

by Prof. Tzong-Lin Wu (吳宗霖)

- 教科書：

1. Nannapaneni Narayana Rao, "Elements of Engineering Electromagnetics" (sixth edition), Pearson Prentice Hall, 2005. (ISBN 0-13-124679-8)

- 時間表 (暫訂)：

週別	日期	內容	附註
1	09/10,11	Chap. 6 Transmission-Line Essentials for Digital Electronics	
2	09/17,18	Chap. 6 Transmission-Line Essentials for Digital Electronics	
3	09/24,25	Chap. 6 Transmission-Line Essentials for Digital Electronics	9/24 中秋節
4	10/01,02	Chap. 6 Transmission-Line Essentials for Digital Electronics	
5	10/08,09	Chap. 6 Transmission-Line Essentials for Digital Electronics	(出國)
6	10/15,16	Chap. 7 Transmission Lines for Communications	
7	10/22,23	Chap. 7 Transmission Lines for Communications	
8	10/29,30	Chap. 7 Transmission Lines for Communications	Quiz(10/30), 出國
9	11/05,06	Chap. 7 Transmission Lines for Communications	11/5 期中考
10	11/12,13	Chap. 7 Transmission Lines for Communications	
11	11/19,20	Chap. 8 Guided Wave Principles for Electronics and Optoelectronics	
12	11/26,27	Chap. 8 Guided Wave Principles for Electronics and Optoelectronics	
13	12/03,04	Chap. 8 Guided Wave Principles for Electronics and Optoelectronics	Exclude Sec. 8.7
14	12/10,11	Chap. 9 Several Topics for Electronics and Photonics	Sec. 9.1 and 9.3
15	12/17,18	Chap. 9 Several Topics for Electronics and Photonics	Quiz (12/18)
16	12/24,25	Chap. 10 Principles of Radiation and Antennas	Sec. 10.1 & 10.2
17	12/31,01/01	放假	
-	01/05	全國電磁能力測驗	
18	01/07	Final-term Exam.	

- 授課內容：Ch.6 (1-7), Ch.7 (1-6), Ch.8 (1-5), Ch.9 (1, 3), Ch.10 (1-2)

- 作業：Odd numbers for even sections and even numbers for odd sections

- 課程評分標準：

1. 期中，期末考 各 40%
2. 小考 10%
3. 作業 及其他 10%
4. 全國電磁能力測驗(中高級) 5% (預計在 1/5, 2019)

- 教授辦公室：EE2-538

- 期中末考範圍：期中考預計考到 7-3 節，其餘為期末考範圍。

- 助教：

課程網頁：<http://ntuemc.tw>