

Electromagnetics (II) (2017 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	09/11,12	Chap. 6 Transmission-Line Essentials for Digital Electronics	
2	09/18,19	Chap. 6 Transmission-Line Essentials for Digital Electronics	
3	09/25,26	Chap. 6 Transmission-Line Essentials for Digital Electronics	
4	09/30	Chap. 6 Transmission-Line Essentials for Digital Electronics	10/9 放假，補課
5	10/02,03	Chap. 6 Transmission-Line Essentials for Digital Electronics	
6	10/16,17	Chap. 6 Transmission-Line Essentials for Digital Electronics	(出國)
7	10/23,24	Chap. 7 Transmission Lines for Communications	Quiz (10/24)
8	10/30,31	Chap. 7 Transmission Lines for Communications	
9	11/06,07	Chap. 7 Transmission Lines for Communications	11/6 期中考
10	11/13,14	Chap. 7 Transmission Lines for Communications	
11	11/20,21	Chap. 8 Guided Wave Principles for Electronics	
12	11/27,28	Chap. 8 Guided Wave Principles for Optoelectronics	
13	12/04,05	Chap. 9 Several Topics for Electronics and Photonics	Exclude Sec. 8.7
14	12/11,12	Chap. 9 Several Topics for Electronics and Photonics	Quiz (11/12)
15	12/18,19	Chap. 10 Principles of Radiation and Antennas	Sec. 9.1 and 9.3
16	12/25,26	Chap. 10 Principles of Radiation and Antennas	Sec. 9.1 and 9.3
17	01/02		Sec.10.1 & 10.2
-	01/06	全國電磁能力測驗	
18	01/08	<i>Final-term Exam.</i>	

- 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：Even numbers for even sections and odd 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%
3. 全國電磁能力測驗 5% (預計在 1/6)

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>