

Elements of Engineering Electromagnetics (II) (2012 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)

- 預修課程：電磁學一

- 時間表 (暫訂)：

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

- 作業：

Even numbers for odd sections and odd numbers for even sections

- 課程評分標準(暫訂)：

1. 期中，期末考 各 40%
2. 小考 10%
3. 作業 及 上課中發問 10%

- 教授辦公室：

EE2-547

- 助教：翁翠微，林佟鴻 (EE2 533)

- 課程網頁：<http://ntuemc.tw>