

## Electromagnetics (II) (2016 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	09/12,13	Chp. 6 Transmission-Line Essentials for Digital Electronics	
2	09/19,20	Chp. 6 Transmission-Line Essentials for Digital Electronics	
3	09/26,27	Chp. 6 Transmission-Line Essentials for Digital Electronics	
4	10/03,04	Chp. 6 Transmission-Line Essentials for Digital Electronics	
5	10/10,11	Chp. 6 Transmission-Line Essentials for Digital Electronics	10/10 雙十節
6	10/17,18	Chp. 7 Transmission Lines for Communications	
7	10/24,25	Chp. 7 Transmission Lines for Communications	Quiz (10/25)
8	10/31,11/01	Chp. 7 Transmission Lines for Communications	
9	11/07,08	<i>Mid-term Exam.</i>	
10	11/14,15	Chp. 7 Transmission Lines for Communications	BoD meeting
11	11/21,22	Chp. 7 Transmission Lines for Communications	
12	11/28,29	Chp. 8 Guided Wave Principles for Electronics and Optoelectronics	
13	12/05,06	Chp. 8 Guided Wave Principles for Electronics and Optoelectronics	
14	12/12,13	Chp. 8 Guided Wave Principles for Electronics and Optoelectronics	Exclude Sec. 8.7
15	12/19,20	Chp. 9 Several Topics for Electronics and Photonics	Sec. 9.1 and 9.3
16	12/26,27	Chp. 9 Several Topics for Electronics and Photonics	Sec. 9.1 and 9.3
17	01/02,03	Chp. 10 Principles of Radiation and Antennas	Sec. 10.1 & 10.2 01/02 元旦 Quiz (01/03)
18	01/09,10	<i>Final-term Exam.</i>	

● **作業：**

Even numbers for even sections and odd numbers for odd sections

● **課程評分標準(暫訂)：**

1. 期中，期末考 各 40%
2. 小考，作業 及 其他 20%
3. 期末參加全國電磁能力測驗 5% (預計在 1/7)

**教授辦公室：**

EE2-538

● **助教：林晉毅** f03942016@ntu.edu.tw

**課程網頁：** <http://ntuemc.tw>