

Microwave and RF Design for Wireless Systems (2014 Spring)

by Prof. Tzong-Lin Wu (吳宗霖)

- 教科書：
Microwave and RF Design of Wireless Systems, David M. Pozard, 2001, Wiley
- 預修課程：電磁學一，二
- 教師：吳宗霖教授

時間表 (暫訂)：

週別	日期	Lecture	Lab
1	02/18	Chp. 1 Introductions to Wireless Systems	
2	02/25	Chp. 3 Noise and Distortions in Microwave Systems	
3	03/04	Chp. 3 Noise and Distortions in Microwave Systems	
4	03/11	Chp. 4 Antennas and Propagation for Wireless Systems	
5	03/18	Chp. 4 Antennas and Propagation for Wireless Systems	
6	03/25	Chp. 5 Filters	
7	04/01	Chp. 5 Filters	
8	04/08	Chp. 5 Filters	
9	04/15	Mid-term Exam.	
10	04/22	Chp. 6 Amplifiers	
11	04/29	Chp. 6 Amplifiers	Lab I Antenna
12	05/06	Chp. 7 Mixers	
13	05/13	(出國)	Lab II Amplifier
14	05/20	Chp. 9 Modulation Techniques	
15	05/27	Chp. 9 Modulation Techniques	Lab III Radar
16	06/03	Chp. 9 Modulation Techniques	
17	06/10	Chp. 10 Receiver Designs	
18	06/17	Final Exam.	Lab III Radar

- 課程評分標準(暫訂)：
 1. 期中考 30%
 2. 期末考 30%
 3. 團隊實驗及報告 30%
 4. 作業 10%
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- 助教：
鄭齊軒 (EE2-533, f99942024@ntu.edu.tw) 黃揚智 (實驗課)
曾英誠 (EE2-533, b9507017@gmail.com) 黃柏盛 (實驗課)

課程網頁：

<http://ntuemc.tw> (→ Courses → RF Microwave Systems)