

Microwave and RF Design for Wireless Systems (2018 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	02/26	Chp. 1 Introductions to Wireless Systems	
2	03/05	Chp. 3 Noise and Distortions in Microwave Systems	
3	03/12	Chp. 3 Noise and Distortions in Microwave Systems	
4	03/19	Chp. 4 Antennas and Propagation for Wireless Systems	
5	03/26	Chp. 4 Antennas and Propagation for Wireless Systems	
6	04/02	(春假)	
7	04/09	Chp. 5 Filters	
8	04/16	Chp. 5 Filters	
9	04/23	期中考	
10	04/30	Chp. 6 Amplifiers	
11	05/07	Chp. 6 Amplifiers	
12	05/14	Lab I Antenna	
13	05/21	Chp. 9 Modulation Techniques	
14	05/28	Chp. 9 Modulation Techniques	Lab II Amplifier
15	06/04	Chp. 10 Receiver Designs	
16	06/11	Lab III Radar	
17	06/18	端午節	
18	06/25	期末考	

- 課程評分標準(暫訂)：
 1. 期中考 40%
 2. 期末考 40%
 3. 作業及平時表現 20%Bonus: 實驗 5%
- 教授辦公室：
EE2-538
- 助教：
林晉毅
陳襄

課程網頁：

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