

## Microwave and RF Design for Wireless Systems (2017 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	02/21	Chp. 1 Introductions to Wireless Systems	
2	02/28	(放假)	
3	03/07	Chp. 3 Noise and Distortions in Microwave Systems	
4	03/14	Chp. 3 Noise and Distortions in Microwave Systems	
5	03/21	Chp. 4 Antennas and Propagation for Wireless Systems	
6	03/28	(停課)	出國
7	04/04	(春假)	
8	04/11	Chp. 4 Antennas and Propagation for Wireless Systems	
9	04/18	期中考	
10	04/25	Chp. 5 Filters	
11	05/02	Chp. 5 Filters	
12	05/09	Chp. 6 Amplifiers	Lab I Antenna
13	05/16	Chp. 6 Amplifiers	Lab II Amplifier
14	05/23	Chp. 9 Modulation Techniques	
15	05/30	端午連假	Lab III Radar
16	06/06	Chp. 9 Modulation Techniques	Lab III Radar
17	06/13	Chp. 10 Receiver Designs	
18	06/20	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 )