

國立中興大學應用數學系二年級統計學

(96 學年度第一學期)

Syllabus

第 x 周	Lecture #	Content (Textbook)	Hours
1	01	Introduction	3
2	02	Data exploration	6
3	02	Descriptive Statistics	
4	02, 03	Descriptive Statistics, Probability	
5	03	Probability and Bayes theorem	3
6	04	Random variable and expectation (1); Midterm (I)	6
7	04	Random variable and expectation (2)	
8	05	Several Distributions (1)	6
9	05	Several Distributions (2)	
10	06	Sampling distributions (1)	6
11	06	Sampling distributions (2)	
12	07	Statistical inference: point estimation; Midterm (II);	3
13	07	Statistical inference: confidence interval (1)	6
14	07	Statistical inference: confidence interval (2)	
15	08	Statistical inference: hypothesis testing (1)	9
16	08	Statistical inference: hypothesis testing (2)	
17	08	Statistical inference: hypothesis testing (3)	
18		Final exam	

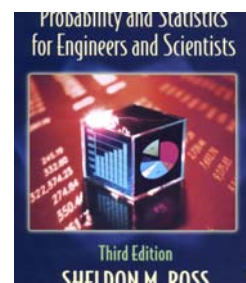
授課教師：吳宏達（副教授）; TEL: 04-22860133 EXT 605

Office hour: Mon (13:00~14:00); Tue(13:00~14:00);

Thu (11:00~12:00) & (13:00~14:00)

Textbook: Sheldon M. Ross (2004) “*Introduction to Probability and Statistics for Engineers and Scientists*”, 3rd ed., Elsevier, Amsterdam.

[台中滄海書局代理 (04-27088787)]



評分方式： Midterm (I) 30%; Midterm (II) 30%; Final 40%.