

統計學 II (Statistics II)

Spring 2026

Instructor: Tzuling, Lin (林子綾)

Office Hours: By appointment

課程目標

本課程目的在培養學生了解統計學基本原理，包含統計資料、機率論、機率分配、抽樣分配和估計與檢定。希望學生具有解決分析問題之基本能力。

教科書

Statistics for Business and Economics, 14e/15e, Anderson , Sweeney, Williams, Camm, Cochran 滄海書局

評分標準

實習課課程參與：20%

期中與期末考：各 40%

課程規劃

Week	Date	Topics Covered	實習
1	2/26	Overview	2/23(OFF)
2	3/5	Chapter 9: Hypothesis Tests	3/2
3	3/12		3/9
4	3/19	Chapter 10: Inference about Means and Proportions with Two Populations	3/16
5	3/26	Chapter 11: Inference about Population Variances	3/23
6	4/2	Chapter 12: Comparing Multiple Proportions, Test of Independence and Goodness of Fit	3/30
7	4/9		4/6
8	4/16	期中考	4/13(OFF)
9	4/23	Chapter 13: Experimental Design and Analysis of Variance	4/20(OFF)
10	4/30		4/27
11	5/7	Chapter 14: Simple Linear Regression	5/4
12	5/14		5/11
13	5/21	Chapter 15: Multiple Regression	5/18
14	5/28		5/25
15	6/4		6/1
16	6/11	期末考	6/8(OFF)
17	6/18	自主學習	6/15 檢討考券
18	6/25	自主學習	6/22(OFF)