國立台灣科技大學 114學年 第2學期　課程大綱

Spring 2026 NTUST Course Outline

授課教師：陳正綱

Instructor:Cheng-Kang Chen

課程名稱：統計學(下)

Course Title：Statistics (II)

2026/11/3

課程代號： MB270B002 Course Code 學分數： 3 Credits	必選修：必修/全學年 Required/Electve:Required/Full Yr. 先修課程： Prerequisites
節次教室： Time/Location	M3(IB-511-2) M4(IB-511-2) R3(IB-511-2) R4(IB-511-2)
專業核心能力： Core Professional Competencies	
課程網址： Course Website	N/A
課程宗旨： Course Objectives	The objective of this course is to provide an understanding for the undergraduate business student on statistical concepts to include measurements of location & dispersion, probability, probability distributions, sampling, estimation, hypothesis testing, regression, and correlation analysis, multiple regression &business/economic forecasting.
課程大綱： Outline of Lectures	Chapter 10 One-Sample Tests of Hypothesis Late February Chapter 11 Two-Sample Tests of Hypothesis Early March Chapter 12 Analysis of Variance Middle March Exam 1 Chapter 10 - Chapter 12 03/12(R) Chapter 13 Correlation and Linear Regression Middle March Chapter 14 Multiple Regression Analysis Late March Exam 2 Chapter 13 - Chapter 14 04/02(R) Chapter 15 Nonparametric Methods: Nominal Level Hypothesis Tests Early April Chapter 16 Nonparametric Methods: Analysis of Ordinal Data MIddle April Exam 3 Chapter 15 - Chapter 16 04/27 (M) Chapter 17 Index Numbers Early May Chapter 18 Time Series and Forecasting Middle May Exam 4 Chapter 17 - Chapter 18 05/14(R)
授課方式： Method of Instruction	講授 Lecture：80% 分組討論 Group discussion：10% 案例研討 Case study：0% 操做練習 Practical exercises：10% 講授 Lecture：N/A%
教科書： Textbooks	D. A. Lind/W. G. Marchal/S. A. Wathen, Statistical Techniques in Business & Economics - McGraw Hill Education
參考書目： References	N/A
修課須知： Notice	N/A

評量方式： Grading	Grading：4 exams + several quizes, 15%, 15%, 20%, 25%, 25% (most advantageous to you) ◎ There is no comprehensive final exam. ◎ A quiz will not be informed in advance. ◎ Positive participation in class will gain extra credits.
備註說明： Notes	N/A