開南大學 95 年度第 1 學期 國際學生教學計劃表

科目代碼	科目名稱	授課教師	修別	開課年級	學分數	每週時數
IHP120011	中文： 統計學(上)	郭燿禎	■必修 □選修	二年級	3	3 小時
	英文： **Statistics**	先修課程	Probability, Linear Algebra			

教學目標與內容	1. Obtain an appreciation for the breadth of statistical applications in business and economics. 2. Understand the meaning of the terms elements, variables, and observations as they are used in statistics. 3. Obtain an understanding of the difference between qualitative, quantitative, crossectional and time series data. 4. Be aware of how errors can arise in data. 5. Know the meaning of descriptive statistics and statistical inference. 6. Be able to distinguish between a population and a sample. 7. Understand the role a sample plays in making statistical inferences about the population.. 8. Be familiar with the statistical software used in the business world
實施方法	■講解法。　□實作法。□討論法。　□演習法。□問答法。　□其他（　　）。
評量方式	期中測驗(Midterm) 30%　。期末測驗(Final) 40%　。平時成績(Attendance) 10%　。其他（Assignments）成績 20%
授課使用及參考書籍	**(請按作者、書名、版別、出版商、發行地、出版年份、起訖頁數順序填寫)。** Textbook: Berenson et al., "Basic Business Statistics: Concepts and Applications", Pearson (華泰文化), Taiwan, 10th edition, 2006, p1~p891 References: Anderson et al., "Statistics for Business and Economics: A Practical Approach", Thomson Learning (滄海書局), Taiwan, 2006, p1~p959

科目簡介(可含大綱及教學進度)：

Week #	Date	Contents
1	9/26	**Syllabus** and **Course Objectives**
2	10/3	**Chapter 1** Introduction and Data Collection
3	10/10	**Holiday**
	10/17	**Chapter 2** Presenting Data in Tables and Charts ; **Ass#1** due on10/31
5	10/24	**Chapter 3** Numerical Descriptive Measures Part #1
6	10/31	**Chapter 3** Numerical Descriptive Measures Part #2; **Ass#2** due on 11/7
7	11/7	**Chapter 4** Basic Probability
8	11/14	**Chapter 5** Some Important Discrete Probability Distribution Part#1
9	11/21	**Midterm**
10	11/28	**Chapter 5** Some Important Discrete Probability Distribution Part#2
11	12/5	**Chapter 6** The Normal Distribution and Other Continuous Distribution Part#1; **Ass#3**
12	12/12	**Chapter 6** The Normal Distribution and Other Continuous Distribution Part #2
13	12/19	**Chapter 7** Sampling Distribution and Sampling; **Ass#4**
14	12/26	**Chapter 8** Confidence Interval Distribution Part #1
15	1/2	**Chapter 8** Confidence Interval Distribution Part #2; **Ass#5**
16	1/9	**Chapter 9** Fundamentals of Hypothesis Testing: One Sample Test Part #1
17	1/16	**Chapter 9** Fundamentals of Hypothesis Testing: One Sample Test Part #2
18	1/23	**Final Exam (No Class)**

說明：
1. 授課教師於學期前填寫本表，經課程委員會審核後，影印分送給教師所屬課程委員會召集人，授課班級所屬系、所及教務處課務組;並於開始上課時，將本內容向學生說明。
2. 本表於 91.4.23 第四次校課程委員會討論通過。

課程委員會召集人：

授課教師： 郭耀禎