開南大學 95 年度第 2 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
IHP120012	中文： 統計學(下)	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) 20% 。期末測驗(Final) 30% 。平時成績(Attendance) 20% 。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	2/26	**Syllabus** and **Course Objectives**
2	3/5	**Chapter 9** Fundamentals of Hypothesis Testing: One-Sample Tests Part I
3	3/12	**Chapter 9** Fundamentals of Hypothesis Testing: One-Sample Tests Part II
4	3/19	**Chapter 9** Fundamentals of Hypothesis Testing: One-Sample Tests Part III; **Ass #1**
5	3/26	**Chapter 10** Two Sample Tests Part I
6	4/2	**Chapter 10** Two Sample Tests Part II; **Ass #2**
7	4/9	**Chapter 11** Analysis of Variance Part I
8	4/16	**Chapter 11** Analysis of Variance Part II;
9	4/23	**Midterm**
10	4/30	**Chapter 12** Chi-Square Tests and Nonparametric Tests Part I
11	5/7	**Chapter 12** Chi-Square Tests and Nonparametric Tests Part II; **Ass#3**
12	5/14	**Chapter 13** Simple Linear Regression Part I
13	5/21	**Chapter 13** Simple Linear Regression Part II; **Ass#4**
14	5/28	**Chapter 14** Introduction to Multiple Regression Part I
15	6/4	**Chapter 14** Introduction to Multiple Regression Part II; **Ass#5**
16	6/11	**Chapter 15** Multiple Regression Model Building Part I
17	6/18	**Chapter 15** Multiple Regression Model Building Part II
18	6/25	**Final Exam (No Class)**

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課務組
辦事員 郭惠姍

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

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Kainan University Department of ___IHP___

Syllabus for ___Spring___ ___2007___

CRN	Course Title	Instructor	Subject	Level of Course	Credits	Hours per Week
IHP120012	Chinese:統計學（下） English: Statistics (2)	Kuo, Yao-Chen 郭燿禎	■ required ☐ elective **Course Prerequisites** Probability, Linear Algebra	Year: 2 Class: 1	3	

Teaching Goals and Content
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, crosssectional 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

Teaching Methods
■ lecture ☐ practical training ☐ discussion
☐ Q&A ☐ other ( )

Grading and Evaluation Criteria
midterm ___20___ %   final ___30___ %
class participation ___20___ %   other (__Assignment__) ___30___ %

Textbooks
(author, title, edition, publisher, place of publication, year of publication, from page to page in sequence)

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

Course Description (including outline and course schedule):

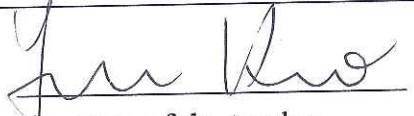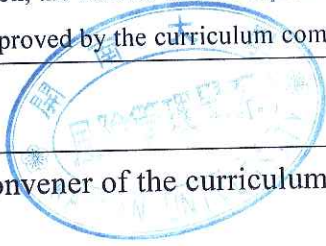| Week #	Date	Contents
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Instructions:

1. Teachers should fill out this form before the semester begins. After it has been verified by the curriculum committee, the original should be given to the office of curriculum planning and a copy to the head of the department to which the course belongs. In addition, the teacher should explain this syllabus to students at the beginning of a semester.

2. This form was approved by the curriculum committee on April 23, 2002.

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signature of the convener of the curriculum committee

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signature of the teacher