

朝陽科技大學 099學年度第1學期教學大綱  
Statistics 統計學

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| 當期課號   | 3207   | Course Number      | 3207   |
| 授課教師   | 黃月香  | Instructor         | HUANG,YUEH HSIANG  |
| 中文課名   | 統計學  | Course Name        | Statistics   |
| 開課單位   | 休閒事業管理系(四進)二B  | Department         |  |
| 修習別    | 必修   | Required/Elective  | Required   |
| 學分數    | 3  | Credits            | 3  |
| 課程目標   | 了解1. 統計學的意義與應用 2. 資料的判定 3. 機率的基本概念 4. 敘述統計的種類、介紹與應用 5. 抽樣分配與其應用 6. 估計的觀念與介紹 7. 假設檢定的介紹與其應用。  | Objectives         | Introducing the following: 1. The meaning and applications of statistics 2. Type of data 3. Basic principles of probability 4. Introduction and meaning of descriptive statistics 5. Sampling distribution and its application 6. Introduction and concept of estimation 7. Introduction and application of testing of hypothesis.   |
| 教材     | 統計學－商業與管理的應用   | Teaching Materials | Statostics-Applications in Business & Management   |
| 成績評量方式 | 期中、期末考60%、上課態度(含出席)20%、小考20%   | Grading            | assignments(20%), exams(60%),test(20%)   |
| 教師網頁   | -  |                    |  |
| 教學內容   | 本課程旨在使學生熟悉統計基本概念、原理及技巧,使其能對相關資料作組織、彙整、衡量並根據資料所得的結果加以評估及推論以幫助吾人作決策,一學年課程包括1. 統計學的意義與應用 2. 資料的類型 3. 機率的基本概念 4. 敘述統計的種類、計算與應用5.常用的機率分配模型 6. 抽樣分配與其應用 7. 估計的觀念與介紹 8. 假設檢定的介紹與其應用 | Syllabus           | The purpose of this course is to acquaint the students with the statistical concepts,fundamentals and techniques needed to organize,measure and evaluate data that may then be used to support people to make better decisions in the face of uncertainty.Topics include:1. The meaning and application of statistics 2. Type of data 3. Basic principle of probability 4. Introduction of descriptive statistics and its applications5.Discrete and continuous probability 6. Sampling distribution and its application 7. Introduction and concept of estimation 8. Hypothesis testing |

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