# 朝陽科技大學 095學年度第2學期教學大綱
## Statistics 統計學

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| **當期課號** | 1319 | **Course Number** | 1319 |
| **授課教師** | 呂明哲 | **Instructor** | LU,MING CHE |
| **中文課名** | 統計學 | **Course Name** | Statistics |
| **開課單位** | 會計系(四日)二B | **Department** | |
| **修習別** | 必修 | **Required/Elective** | Required |
| **學分數** | 3 | **Credits** | 3 |
| **課程目標** | 統計學可區分爲敘述統計和推論統計。前者系發展以圖形和數值結論描述某些企業現象；後者則利用這些數值結論協助企業決策。本課程主要論題爲推論統計。因此，教學目標將著重在正確使用簡易的統計方法處理商業及管理領域的數據資料，從而對事物本質有正確的判斷。 | **Objectives** | There are two areas of statistics: descriptive statistics, which focuses on developing graphical and numerical summaries that describe some business phenomenon, and inferential statistics, which uses these numerical summaries to assist in making business decisions. The primary theme of this course is inferential statistics. Thus, the lecturer will concentrate on showing how you can use statistics to interpret data and use them to make decisions. |
| **教材** | 統計學-商業與管理的應用，陳建勝等 著。 | **Teaching Materials** | Statistics-Applications in Business & Management |
| **成績評量方式** | 小考20%；<br>第一次會考20%；<br>第二次會考20%；<br>第三次會考20%；<br>第四次會考20%。 | **Grading** | Quizs 20%;<br>First Exam. 20%;<br>Second Exam. 20%;<br>Third Exam. 20%;<br>Forth Exam. 20%. |
| **教師網頁** | _ | | |
| **教學內容** | 1. 抽樣分配<br>2. 統計估計<br>3. 假設檢定<br>4. 變異數分析<br>5. 卡方檢定<br>6. 簡單線性迴歸分析 | **Syllabus** | 1. Sampling distribution<br>2. Statistical estimation<br>3. Hypothesis testing<br>4. Analysis of variance<br>5. Chi-square tests<br>6. Simple linear regression analysis |

尊重智慧財產權，請勿非法影印。