# 朝陽科技大學 091學年度第1學期教學大綱
# Advanced Statistical Methods 高等統計方法

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| 當期課號 | 7121 | Course Number | 7121 |
| 授課教師 | 洪弘祈 | Instructor | HORNG,HORNG CHYI |
| 中文課名 | 高等統計方法 | Course Name | Advanced Statistical Methods |
| 開課單位 | 工業工程與管理系碩士班一A | Department | |
| 修習別 | 必修 | Required/Elective | Required |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程主要介紹進階統計學的理論、方法、與應用，並偏重於基礎數理統計、迴歸分析與變異數分析等。 | Objectives | This course aims to provide advanced statistics theory and some application of statistical methods. Selected topics are: basic concept of mathematical statistics, regression, analysis of variance (ANOVA), etc |
| 教材 | Lecture, literature review, oral presentation, and discussion. | Teaching Materials | |
| 成績評量方式 | Exam 100% | Grading | |
| 教師網頁 | | | |
| 教學內容 | Reviews of fundamental statistics (including sampling and sample distribution, point and interval estimation, hypothesis testing) and introduction to ANOVA, regression analysis, and Nonparametric Statistics. | Syllabus | |

尊重智慧財產權，請勿非法影印。