# 朝陽科技大學 097學年度第2學期教學大綱
# Engineering Statistics(2) 工程統計(二)

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| 當期課號 | 1691 | Course Number | 1691 |
| 授課教師 | 王敏 | Instructor | WANG,MIN |
| 中文課名 | 工程統計(二) | Course Name | Engineering Statistics(2) |
| 開課單位 | 工業工程與管理系(四日)二B | Department | |
| 修習別 | 必修 | Required/Elective | Required |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程旨在使學生理解並運用統計的方法與分析技巧。 | Objectives | This course aims to provide students with the fundamental statistical methodologies and techniques. |
| 教材 | D. C. Montgomery (2007), Applied Statistics and Probability for Engineers, 4th edition, John Wiley and Sons, Inc. (高立圖書代理) | Teaching Materials | D. C. Montgomery (2007), Applied Statistics and Probability for Engineers, 4th edition, John Wiley and Sons, Inc. (高立圖書代理) |
| 成績評量方式 | 隨堂抽考 15%<br>小考 40%<br>期中 20%<br>期末考 25% | Grading | Test 15%<br>Quiz 40%<br>Midterm 20%<br>Final 30% 30% |
| 教師網頁 | http://www.cyut.edu.tw/~mwang | | |
| 教學內容 | 在使學生理解並運用統計方法與分析技巧。 | Syllabus | The principles and practices of fundamental statistics, including sampling and sample distribution, point and interval estimation, hypothesis testing, and introduction to ANOVA and regression analysis. |

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