# 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** | 1677 | **Course Number** | 1677 |
| **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A | **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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