# 朝陽科技大學 095學年度第2學期教學大綱
# Engineering Statistics (1) 工程統計(一)

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| **當期課號** | 1439 | **Course Number** | 1439 |
| **授課教師** | 王淑娟 | **Instructor** | WANG,SHU CHUAN |
| **中文課名** | 工程統計(一) | **Course Name** | Engineering Statistics (1) |
| **開課單位** | 營建工程系(四日)二A | **Department** | |
| **修習別** | 選修 | **Required/Elective** | Elective |
| **學分數** | 3 | **Credits** | 3 |
| **課程目標** | 本課程之目的在教導學生了解或然率及統計之基本概念，並闡述其在工程規劃、設計上之應用。主要內容包括或然率之基本概念、隨機現象之解析模式、由觀測資料推定參數及或然率分佈模式之推定等。 | **Objectives** | This course presents the concepts and methods of probability and statistics, as well as their applications in engineering planning and design. Specific topics included are basics probability concepts, analytical models of random phenomena, estimating para. |
| **教材** | 徐義人，『工程機率統計學』，華泰文化事業公司。 | **Teaching Materials** | |
| **成績評量方式** | 期中考 25%<br>期末考 25%<br>作業及小考 40%<br>平時成績 10% | **Grading** | mid term exam. 25%<br>final exam. 25%<br>homework & quiz 40%<br>learning attitude 10% |
| **教師網頁** | _ | | |
| **教學內容** | 教導學生了解或然率及統計之基本概念，並闡述說明其在工程規劃、設計上之應用 | **Syllabus** | It provides students with basic knowledge of prabability and statistics and their applications to engineering planning and design. |

尊重智慧財產權，請勿非法影印。