# 朝陽科技大學 092學年度第2學期教學大綱
# Probabilities and Statistics 機率與統計

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| 當期課號 | 2185 | Course Number | 2185 |
| 授課教師 | 王德譽 | Instructor | WANG,DE YU |
| 中文課名 | 機率與統計 | Course Name | Probabilities and Statistics |
| 開課單位 | 資訊工程系(四日)二A | Department | |
| 修習別 | 必修 | Required/Elective | Required |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程主要介紹基本機率觀念及隨機變數函數，其主要涵蓋的範圍有：<br>1. 簡介<br>2. 基本機率<br>3. 單一隨機變數<br>4. 隨機變數函數<br>5. 雙隨機變數<br>6. 函數及期望值<br>7. 特徵函數<br>8. 多隨機變數 | Objectives | This course gives an introduction to the concepts of parability and the functions of random Variables. Topics to be covered are:<br>1. Introduction.<br>2. Basic Probability.<br>3. A Single Random Variable.<br>4. Functions of a Random Variable and Expectations.<br>5. Two Random Variables.<br>6. Expectations and Functions.<br>7. Characteristic Function.<br>8. Multiple Random Variables. |
| 教材 | 課堂課 | Teaching Materials | |
| 成績評量方式 | 小考及作業40%, 期中考30%, 期末考30% | Grading | Test and home work 40%, midterm 30%, Final 30% |
| 教師網頁 | _ | | |
| 教學內容 | 了解機率原理及其應用 | Syllabus | To understand the probability theory and their applications |

尊重智慧財產權，請勿非法影印。