

**朝陽科技大學 096學年度第2學期教學大綱**  
**Special Topics on Operations Research (2) 作業研究專題(二)**

|        |                                                                                                     |                    |                                                                                                                                                                                                                                                                                                                                                                                          |
|--------|-----------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 當期課號   | 7162                                                                                                | Course Number      | 7162                                                                                                                                                                                                                                                                                                                                                                                     |
| 授課教師   | 王敏                                                                                                  | Instructor         | WANG,MIN                                                                                                                                                                                                                                                                                                                                                                                 |
| 中文課名   | 作業研究專題(二)                                                                                           | Course Name        | Special Topics on Operations Research (2)                                                                                                                                                                                                                                                                                                                                                |
| 開課單位   | 工業工程與管理系碩士班一A                                                                                       | Department         |                                                                                                                                                                                                                                                                                                                                                                                          |
| 修習別    | 選修                                                                                                  | Required/Elective  | Elective                                                                                                                                                                                                                                                                                                                                                                                 |
| 學分數    | 2                                                                                                   | Credits            | 2                                                                                                                                                                                                                                                                                                                                                                                        |
| 課程目標   | 本課程透過文獻研讀與討論, 培養學生蒐集與吸收最新知識能力, 並瞭解作業研究領域發展趨勢, 奠定相關論文寫作與未來發展之基礎。                                     | Objectives         | This course aims to cultivate students with the ability to search and absorb the state of art knowledge in operations research through literature reviewing and discussion. It is designed to help students conducting their thesis research and developing future career.                                                                                                               |
| 教材     | 相關文獻論文                                                                                              | Teaching Materials | Handouts                                                                                                                                                                                                                                                                                                                                                                                 |
| 成績評量方式 | 1. Presentation and Discussion 80%<br>2. Attendance 20%                                             | Grading            | 1. Presentation and Discussion 80%<br>2. Attendance 20%                                                                                                                                                                                                                                                                                                                                  |
| 教師網頁   | <a href="http://www.cyut.edu.tw/~mchen/">http://www.cyut.edu.tw/~mchen/</a>                         |                    |                                                                                                                                                                                                                                                                                                                                                                                          |
| 教學內容   | 本課程旨在探討作業研究領域相關研究課題, 包括生產排程, 績效評估, 可靠度分析, 設備維護等研究主題, 透過文獻研讀與報告, 師生討論等方式, 培養學生相關領域之最新知識, 與獨立創新之研究能力。 | Syllabus           | This course aims to examine the relative research topics in production systems. The topics to be discussed include production scheduling, performance evaluation, reliability analysis, and equipment maintenance. The objective of this course is to help students to have an overview of the state of the art of specific fields, and to improve their innovation and research ability |

尊重智慧財產權，請勿非法影印。