# 朝陽科技大學 096學年度第2學期教學大綱
# Operation Management 作業管理

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| 當期課號 | 3741 | Course Number | 3741 |
| 授課教師 | 陳俊雄 | Instructor | CHEN,CHUN HSIUNG |
| 中文課名 | 作業管理 | Course Name | Operation Management |
| 開課單位 | 資訊管理系(二在)三B | Department | |
| 修習別 | 選修 | Required/Elective | Elective |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程探討並介紹作業管理之理論、策略、及決策，內容包含作業管理策略、流程管理、供應鍊管理、需求預測、庫存管理、總和規劃、生產排程、物料需求規劃、資源與產能管理、未來趨勢、以及各類實務案例討論與應用等。目標在使學生充分瞭解在未來高度競爭且全球化的環境中，如何能成爲一位具有高度效能的管理者，以及如何運用作業管理的理論、技術、與工具來提升企業之作業流程和各項管理決策之品質。 | Objectives | This course introduces theories, strategies, and decisions about operations management, including such topics as operations strategies, process management, supply-chain management, demand forecasts, inventory management, aggregate planning, scheduling, material requirement planning, resources and capacity management, future trends, and various case studies and applications. The objectives are to help students fully understand how to be an effective manager in the competitive and global environment, and how to use the theories, techniques, and tools of operations management to improve the quality of business processes and various management decisions. |
| 教材 | 生產與作業管理：建立產品與服務標竿<br>傅和彥 著<br>前程文化事業有限公司<br>2005年5月四版 | Teaching Materials | |
| 成績評量方式 | 出勤率　20%<br>期中考　40%<br>期末考　40% | Grading | 20% : Rate of attendance<br>40% : Mid-term Examination<br>40% : Final Examination |
| 教師網頁 | _ | | |
| 教學內容 | 1.生產與作業管理概說<br>2.競爭力與生產 / 作業策略<br>3.預測<br>4.產品與服務設計<br>5.產能規劃<br>6.製程選擇與設施佈置<br>7.工作系統設計<br>8.地點規劃<br>9.期中考<br>10.品質管理<br>11.存量管制：獨立需求的存量管制系統<br>12.總合規劃<br>13.物料需求計畫與企業資源規劃<br>14.剛好及時生產系統<br>15.日程安排<br>16.供應鏈管理<br>17.專案日程管理 | Syllabus | 1.Introduction to Production and Operations Management<br>2.Competitiveness & Production/ Operations Strategy<br>3.Forecasting<br>4.Product and Service Design<br>5.Capacity Planning<br>6.Process Selection & Facilities Layout<br>7.Job System Design<br>8.Location Planning<br>9.Quality Management<br>10.Inventory Control: Inventory Control System for Independent Demand<br>11.Aggregate Planning<br>12.Material Requirements Planning and Enterprise Resources Planning<br>13.Just-In-Time Production System<br>14.Scheduling<br>15.Supply Chain Management<br>16.Project Scheduling Management |

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