朝陽科技大學 096學年度第1學期教學大綱
Operation Management 作業管理

當期課號	2335	Course Number	2335
授課教師	陳宏益	Instructor	CHEN,HUNG YI
中文課名	作業管理	Course Name	Operation Management
開課單位	資訊管理系(四日)二C	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	Textbook: Chase et. al., operations management for competitive ages, McGraw-Hill, 10ed. 徐紹馨 翻譯， 滄海書局代理	Teaching Materials	Textbook: Chase et. al., operations management for competitive ages, McGraw-Hill, 10ed.
成績評量方式	平時成績(含課堂參與，小組練習，期未報告): 40% 期中考: 30% 期未考: 30%	Grading	Grading policy: Assignments (including: group exercises, final report, attending): 40% Mid-term examination: 30% Final examination: 30%
教師網頁	http://163.17.17.66/Teaching		
教學內容	緒論：作業策略與競爭力 第二章 作業策略與競爭力 第三章: 專案管理 第四章: 流程分析 第五章: 產品設計與製程選擇－製造業 第六章: 產品設計與製程選擇－服務業 第七章: 全面品質管理 第九章: 供應鏈策略 第十章: 策略產能管理 第11章: 即時精實與臨界系統 第12章: 預測 第13章: 總合銷售 第14章: 存貨管理	Syllabus	Chapter 1: Overview: Introduction to the Field Chapter 2: Operations Strategy and Competitiveness Chapter 3: Project management Chapter 4: Process analysis Chapter 5: Product Design & Process Selection-Manufacturing Chapter 6: Product Design and Process Selection – Services Chapter 7: Quality management Chapter 9: Supply chain strategy Chapter 10: Strategic Capacity Planning Chapter 11: Just-in-time and Lean systems Chapter 12: Forecasting and demand

	第15章: 物料需求規劃 第16章: 作業排程 第17章: 同步製造與限制理論		management Chapter 13: Aggregate sales and operations planning Chapter 14: Inventory control Chapter 15: Material requirements planning Chapter 16: Operations scheduling Chapter 17: Synchronous Manufacturing and the Theory of Constraints

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