朝陽科技大學 098學年度第2學期教學大綱
Production and Operations Management 生產與作業管理

當期課號	1178	Course Number	1178
授課教師	黃文聰	Instructor	Huang,Wen Tsung
中文課名	生產與作業管理	Course Name	Production and Operations Management
開課單位	企業管理系(四日)二A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	企業追求成長及競爭優勢，管理生產與作業能力是很關鍵的一件事，修習本課程可以學習到組織如何有效管理生產與作業資源的活動，其中包含設計、規劃、執行及控制產品或服務於生產與作業時所需的原物料、人力資源、設備、設施、能源及方法的管理系統。 此外不論是製造業或是服務業，最重要的是管理其實際的產出如產品及或服務，故學生透過本課程學習亦可以瞭解如何很有效能與效率的做對的事與將這些事做好。	Objectives	The purpose of operations management is to create a competitive advantage for manufacture and service operators in the market place by conveying a set of knowledge, skills and tools. The objective of this course is to cover production and operations management, including MRP, JIT, forecasting, supply chain management, resource and capacity planning, inventory and material management, and scheduling. Each student will be able to recognize the appropriate methods and procedures of operations management and how organizations use these to improve efficiency and effectives of the operations systems.
教材	作業管理(第十版)，何應欽譯，Stevenson原著，2010年，麥格羅.希爾出版，滄海書局代理。	Teaching Materials	Operations Management 10/e, Willian J. Stevenson, McGraw-Hill.
成績評量方式	1.期中考 30% 2.期末考 30% 3.案例報告 30% 4.出席 10%	Grading	1.Midterm exam 30% 2.Final exam 30% 3.Report 30% 4.Attendance 10%
教師網頁	_		
教學內容	1.生產與作業管理簡介 2.競爭力、策略與生產力 3.預測 4.產品與服務設計之產能規劃 5.製程選擇與設施規劃 6.工作系統設計與地點規劃 7.品質與品質管制 8.存貨管理 9.總體規劃 10.MRP與ERP 11.JIT與精實生產 12.排程 13.專案管理 14.等候線管理 15.供應鏈管理	Syllabus	1.Introduction 2.Competitiveness, Strategy, and Productivity 3.Forecasting 4.Capacity Planning for Products and Services Design 5.Process Selection and Facilities Layout 6.Design of Work Systems and Location Planning 7.Quality and Quality Control 8.Inventory Management 9.Aggregate Planning 10.MRP and ERP 11.JIT and Lean Operations 12.Scheduling 13.Project Management 14.Waiting Lines Management 15.Supply Chain Management

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