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	1224	Course Number	1224
授課教師	徐茂練	Instructor	SHYU,MAW LIANN
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)三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	Heizer, H and Render, B.(2004), Principles of Operations Management, 5th ed, Perason Education Inc.	Teaching Materials	Heizer, H and Render, B.(2004), Principles of Operations Management, 5th ed, Perason Education Inc.
成績評量方式	Midterm Exam 30% and Final Exam 30% Quizzes/Homework and Participation 40%	Grading	Midterm Exam 30% and Final Exam 30% Quizzes/Homework and Participation 40%
教師網頁			
教學內容	The purpose of this course is to create a competitive advantage for manufacture and service operators in the market place by conveying a set of strategy, design, planning, execution and control knowledge, skills and tools. These knowledge, skills and tools are applied to material, human resource, facilities, and processes of productions and operations system. In addition, the goal of production and operations management is to improve POM system's performance. How to measure and improve effectiveness and efficiency of POM systems is another purpose of this course.	Syllabus	The purpose of this course is to create a competitive advantage for manufacture and service operators in the market place by conveying a set of strategy, design, planning, execution and control knowledge, skills and tools. These knowledge, skills and tools are applied to material, human resource, facilities, and processes of productions and operations system. In addition, the goal of production and operations management is to improve POM system's performance. How to measure and improve effectiveness and efficiency of POM systems is another purpose of this course.

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