朝陽科技大學 091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	3231	Course Number	3231
授課教師	廖正時	Instructor	JOE,LIAW
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(四進)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	1. 課堂講授 2. 案例研討 3. 測試	Teaching Materials	1. Training 2. Case study 3. Testing
成績評量方式	1. 出席率與課堂互動：25% 2. 期中隨堂考：15% 3. 分組報告：30% 4. 期末考：30%	Grading	1. Discussion 25% 2. Middle term test 15% 3. Case study 30% 4. Final test 30%
教師網頁			
教學內容	生產管理爲企業五管之一，在大專管理學程中均列爲必、選修課程，足見其重要程度。本課程旨在教導企管系學生熟悉生產管理概念，自生產管理所面臨的決策問題爲起點，對生產管理觀念、分析方法加以闡述，並在全球化經濟發展，企業經營趨於無國界之環境下，考量企業需面對更多、更強的競爭壓力，思考如何整合資源、創造價值，以滿足社會的需求，是企業所要面對的艱難挑戰。本課程旨在教導企管系學生熟悉生產作業管理概念與實務，自企業面臨的各種問題爲起點，將生產作業管理觀念透過焦點個案分析，探討企業生存與發展之競爭優勢，期使生產作業管理由觀念轉化爲易懂的企業實務作法。	Syllabus	Owing to the prevalence of information technology, information systems have become essential for creating competitive firms, managing global corporations, and providing useful products and services to customers. A modern organization should have some knowledge and capabilities of information systems, such as what they are, how they affect organization and its employees and how they make businesses more competitive and efficient. Therefore, the main objective of this course is:1. To get students familiar with some basic ideas, concepts and theories about how an information system management works, manages, delivers performance and get more competitive advantages. 2. The materials covered in this course are fairly basic and traditional and require prior knowledge of business, management and computer to help students how to efficiently use IT in management and organization. 3. We also focus on the current popular topics, such as ERP, CRM, EC, etc., and sketch how they work in the business and their impacts on the organizations.Students need to

			understand how the IT works in the organization, daily operation or management. Therefore, a field on-site case study assigned to students by groups to visit a company to train students' communication skills and really understand how the enterprise use IT in the operation or management.

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