朝陽科技大學 096學年度第1學期教學大綱
Inventory Management Models 存貨管理模式分析

當期課號	7161	Course Number	7161
授課教師	邱元錫	Instructor	CHIU,YUAN SHYI
中文課名	存貨管理模式分析	Course Name	Inventory Management Models
開課單位	工業工程與管理系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程主旨在學習"作業研究/管理科學"領域中之「確定性」及「機率性」存貨管理模式，培養學生分析及解決複雜的存貨管理問題及實務應用之能力。爲達學習成效，本課程將偏重理論基礎、paper study 、並適度搭配實務個案研討。	Objectives	This course introduces deterministic as well as probabilistic inventory models. Topics include EOQ model, EOQ model with shortage permitted, EPQ (finite production rate) model, EOQ with quantity discount, EOQ model with variable demands, resource-constrained multiple product model, Newboy's model, and studies of other specific models.
教材	1. 課堂講授 ; 2. 作業/實務研討 ; 3. Paper 研討	Teaching Materials	
成績評量方式	50% 兩次考試 [25% each] 25% 平常 [Attendance 10%, Homework 15%] 25% Paper Study: [Oral 15%, Final report 10%]	Grading	50% Exam. 25% each 25% Attendance 10%, Homework 15%] 25% Paper Study: [Oral 15%, Final report 10%]
教師網頁	_		
教學內容	本課程旨在學習管理科學領域中有效的確定性及機率性存貨管理模式，培養分析及解決複雜的存貨管理問題及實務應用之能力。爲達學習成效，教授過程將偏重理論基礎並適度配合課堂實務個案研討。	Syllabus	This course introduces Deterministic as well as Probabilistic Inventory models. Topics include EOQ, Model with shortage permitted, EPQ (finite production rate model), quantity discount, model with variable demands, resource-constrained multiple product model, Newboy's model, and studies of other specific models.

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