朝陽科技大學 091學年度第1學期教學大綱
System Simulation 系統模擬

當期課號	7123	Course Number	7123
授課教師	洪弘祈	Instructor	HORNG,HORNG CHYI
中文課名	系統模擬	Course Name	System Simulation
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	以電腦模擬軟體，如ARENA等，建構模擬模型來代表真實或虛構之系統。並藉由對這些模型的實驗來解釋系統的行爲，增進系統之效能，或者設計新的系統。本課程除介紹模擬軟體之外，並對統計方法在模擬學上之應用做深入的探討。	Objectives	The practice of building computer simulation models to represent existing real-world systems, or hypothetical future systems, and of experimenting with these models to explain system behavior, improve system performance, or design new systems with desirable performances.
教材	Lecture, oral presentation, exercises, and on-line learning.	Teaching Materials	
成績評量方式	Homework 50% Exam 50%	Grading	
教師網頁			
教學內容	The practice of building computer simulation models to represent existing real-world systems, or hypothetical future systems, and of experimenting with these models to explain system behavior, improve system performance, or design new systems with desirable performances. The simulation software packages used in this class, i.e., AutoMod and AutoSched, have been widely adopted by hi-tech companies in Hsinchu Science-based Industrial Park.	Syllabus	

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