

**朝陽科技大學 098學年度第2學期教學大綱**  
**Facility Planning 設施規劃**

<b>當期課號</b>	3403	<b>Course Number</b>	3403
<b>授課教師</b>	丁嘉寬	<b>Instructor</b>	TING,CHIA KUAN
<b>中文課名</b>	設施規劃	<b>Course Name</b>	Facility Planning
<b>開課單位</b>	工業工程與管理系(二進)四A	<b>Department</b>	
<b>修習別</b>	必修	<b>Required/Elective</b>	Required
<b>學分數</b>	3	<b>Credits</b>	3
<b>課程目標</b>	本課程在強調如何利用系統性的設施規劃原則與技術方法做新設施的規劃或舊設施的重新佈置，以期達成作業目標的要求。	<b>Objectives</b>	Definition and modeling solutions of continuous and discrete, single and multi-facility location problems for various objectives. Relative location and layout of facilities / departments for minimizing material handling and interaction costs. Emphasis on quantitative methods..
<b>教材</b>	設施規劃-理論與實務應用 張倫著 高立圖書	<b>Teaching Materials</b>	Facility Planning
<b>成績評量方式</b>	期中考 30% 期末報告30% 出席及作業40%	<b>Grading</b>	Midterm Exam 30% Final project 30% Participation 40%
<b>教師網頁</b>	-		
<b>教學內容</b>	本課程之目的在教導設施規劃方法，內容包括系統需求分析，系統設計程序，系統評估方法與電腦輔助規劃方法。強調產品之規劃，系統設施之佈置，物料流程之規劃，倉儲系統之安排，與設施系統之設計。透過講解、操作軟體以完成作業與工廠案例來達到學習之目標。	<b>Syllabus</b>	The objective of this course is to introduce the subjects of facility planning to industrial engineering students through different case study by operating the software BLOCPLAN-90.

尊重智慧財產權，請勿非法影印。