朝陽科技大學 097學年度第1學期教學大綱
The swvey of Struture 結構概論

當期課號	2138	Course Number	2138
授課教師	陳清山	Instructor	CHEN,CHING SHAN
中文課名	結構概論	Course Name	The swvey of Struture
開課單位	室內設計學位學程(四日)一A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	此課程將延續高職相關課程，並作更深入之探討，以建立同學更多的結構觀念。此外，並啓發同學基本的建築結構概念，瞭解室內設計與建築結構是密切不可分的。並且使同學瞭解更多室內設計與建築結構的關係，利用結構的知識可以發展更多特殊的室內設計，啓迪同學室內空間造型的能力，兼顧室內設計中的理性與感性因子。	Objectives	This course will connect the related course in senior high school. And will go deep into the context. The purpose is to establish more structural concepts into the student. Besides, this course will enlighten the student to understand the relationship between the interior design and the structure. When that students accomplish this course. They can use these concepts on their interior design. And can use this knowledge to develop more distinctive interior design.
教材	自編講義	Teaching Materials	handout
成績評量方式	一、平時成績（作業習題、課堂點名）35% 二、期中考試30% 三、期末考試35%	Grading	1.Ordinarily Grade-35% 2.Midterm Examination-30% 3.Final Examination-35%
教師網頁			
教學內容	此課程包含下列十個單元: 1.緒論 2.力學概論 3.建築物荷重 4.結構材料的性質 5.結構材料的應力 6.桁架結構概念 7.構架結構概念 8.纜索及拱結構概念 9.摺版及薄殼結構概念 10.高樓結構概念	Syllabus	In this course,there are ten units included: 1.Preface 2.The summary of mechanics 3.The loadings of building 4.The characters of material 5.The stress of material 6.The structural concept of truss 7.The structural concept of frame 8.The structural concept of cable and arch 9.The structural concept of folded and shell 10.The structural concept of high-rise building

尊重智慧財產權，請勿非法影印。