朝陽科技大學 096學年度第1學期教學大綱
Static Mechanics 靜力學

當期課號	1723	**Course Number**	1723
授課教師	吳怡彥	**Instructor**	WU,YI YEN
中文課名	靜力學	**Course Name**	Static Mechanics
開課單位	建築系(四日)一A	**Department**	
修習別	選修	**Required/Elective**	Elective
學分數	2	**Credits**	2
課程目標	"延續高職相關力學之課程，並作更深入之探討，以建立同學更多的力學觀念。課程內容主要介紹力的分解和合成、剛體的平衡、面積的力矩以及剪力圖、彎矩圖等基本力學觀念。此課程除了建立同學基本的力學觀念外，並可作爲往後研習材料力學、結構學、鋼筋混凝土..等其它力學課程的基礎。	**Objectives**	In this course of Static Engineering , students will learn more concepts of Static Mechanics except they have learned in high school. The contents of this course include the decompose and the composite of the forces、the balance of rigid body、the shear-diagram、the moment- diagram. When the students accomplish this course. They will know that it was the foundation of other mechanics. Such as Mechanics of Material 、Building Structure、RC、Topics of Structural Systems and so on.
教材	指定教材	**Teaching Materials**	textbook
成績評量方式	1.平時成績40% 2.期中考成績30% 3.期末考成績30%.	**Grading**	1.Ordinarily Grade-40% 2.Midterm Examination-30% 3.Final Examination-30%
教師網頁	_		
教學內容	本課程包含下列6個單元: 1.靜力學緒論 2.質點靜力學 3.剛體與力的相當系統 4.剛體的平衡 5.分佈力--形心與重心 6.分佈力--慣性矩	**Syllabus**	In this course,there are six units included: 1.Preface of the Static Mechanics 2.Static Mechanics of the Particle 3.the Equivalent System of the Rigid Body and force 4.Balance of the Rigid Body 5.Center of Centroid and Gravity 6.Moment of Inertia

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