

朝陽科技大學 091學年度第2學期教學大綱
Theory of Structures 結構學

當期課號	6003	Course Number	6003
授課教師	賴朝鵬	Instructor	,
中文課名	結構學	Course Name	Theory of Structures
開課單位	營建工程系(二進)三A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	本課程在介紹結構系統之基本概念及一般結構分析之計算方法。內容包括根據結構系統所受之外力，計算其支承反力、桿件內力及對應之變形等。	Objectives	This course covers the concepts of structural systems and basic structural analysis methods. Specific topics included are analysis of members forces and deflections of determinate and indeterminate structures(including trusses, beams and frames), influen
教材	1.課堂推解講授 2.作業及小考	Teaching Materials	1.To explain the contents on the blackboard 2.To give some homeworks and quiz
成績評量方式	Midterm Examination (期中考)－30% Final Examination (期末考)－30% Quiz (小考) and Assignment (作業)－40% (彈性調整)	Grading	Midterm Examination (期中考)－30% Final Examination (期末考)－30% Quiz (小考) and Assignment (作業)－40% (彈性調整)
教師網頁	-		
教學內容	本課程在於介紹結構學的基本理論，介紹結構系統之基本概念及一般結構分析之計算方法。內容包括根據結構系統所受之外力，計算其支承反力、桿件內力及對應之變形等。	Syllabus	The basic theory of structures is introduced in this course. It provides students with knowledge of structural systems and their associated structural analysis methods for computing support reactions, member forces and the corresponding deflections.

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