朝陽科技大學 092學年度第2學期教學大綱
Physics 普通物理

當期課號	1075	Course Number	1075
授課教師	余志鵬	Instructor	YU,CHIH PENG
中文課名	普通物理	Course Name	Physics
開課單位	建築系(四日)一A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	物理學爲工程科之基礎。學生應明瞭其基本原理及應用技巧，並爲將來建築物理課程奠定一定之基礎。	Objectives	This course is designated as the basis of the architectural mechanics of structure. The contents include mainly the statics which uses the balance of force to get the reaction of simple beam and cantilever; furthermore, to compute the interior force and stress as well as analyze the characteristics of sections and tension of materials. The goals are achieved by utilizing the analysis and computation techniques to study the principles of Physics. By means of some elaborately designed study cases, students are able to improve their practical knowledge of structural physics and capture the concept of mechanics of structure step by step.
教材	課堂授課	Teaching Materials	class instruction and discussion
成績評量方式	作業(10次) 25% 小考2次 20% 期中考 20% 期末考 25% 課堂表現 10%	Grading	homework 25% quizzes 20% midterm 20% Final 25% participation 10%
教師網頁			
教學內容	教導學生對基礎古典物理學有基本的瞭解 主要內容包括:運動，力量，功與能，碰撞，圓周運動平衡概念，基本靜力學，基本彈性力學波動，聲音	Syllabus	This course covers topics related to classical mechanics such as Kinematics, Dynamics, Work and Energy, Basic Elasticity, Waves and Sound waves.

尊重智慧財產權，請勿非法影印。