朝陽科技大學 096學年度第1學期教學大綱
Introduction to Construction Engineering 營建工程概論

當期課號	1453	Course Number	1453
授課教師	張子修	Instructor	CHANG,TZYY SHIOU
中文課名	營建工程概論	Course Name	Introduction to Construction Engineering
開課單位	營建工程系(四日)一A	Department	
修習別	必修	Required/Elective	Required
學分數	1	Credits	1
課程目標	提供營建工程領域之初學者對營建工程之範疇與知識有概括性的知識，使提高其對日後專業科目之學習效果教學內容包括營建工程之教育、營建建材及結構、水資源工程、大地工程、交通工程、都市土木工程、防災工程、重要營建工程建設等介紹。透過課程講授使營建系大一新生對營建土木工程各項專業有初步瞭解，以便決定自己修課計畫及生涯規劃，並透過工程參觀體會土木營建工程之重要，並加強對本身專業認同及榮譽感。	Objectives	The objective of this course is to let the students understand what construction engineering is and to teach them how to prepare themselves as a construction engineer through the introduction of major fields in construction engineering and field trips to various types of construction site. Topics about study and future career planning are also covered in this course.
教材	土木工程概論,林金面編著,文笙書局出版. 土木工程錄影帶,營建工程系技服中心。	Teaching Materials	Text Book by Lin
成績評量方式	學期及參觀報告40%(二份) 期中考20% 期末考30% 平常成績10%(含出席率)	Grading	mid & final exams 20% x 2 = 40%. report & case study 20% x 2 = 40%. study attitudes 20%.
教師網頁	_		
教學內容	提供營建工程領域之初學者對營建工程之範疇與知識有概括性的認識,使提高其對日後專業科目之學習效果. 教學內容包括營建工程之教育、營建材料及結構、水資源工程、大地工程、交通工程、都市土木工程、防災工程、重要營建工程建設等介紹。	Syllabus	The introduction of construction is the main purpose of this course, the syllabus include the education of construction engineering, the material & structure of construction engineering, water resource engineering, geotechnical engineering, traffic engineering, urban engineering, hazard mitigation engineering & famous constructions, etc.

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