朝陽科技大學 098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	1625	Course Number	1625
授課教師	蕭文達	Instructor	HSIAU,WEN TA
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	自編講義	Teaching Materials	
成績評量方式	作業及學習態度(50%)、分段測驗(50%)	Grading	Homework and Learning Attitudes(50%) Test(50%)
教師網頁			
教學內容	1.本系師資、未來發展及就業市場 2.本系課程規劃與分流介紹 3.本系大地工程組介紹 4.基礎工程介紹 5.大地災害及防災 6.繳交及報告職涯規劃 7.本系結構工程組介紹 8.房屋建築結構工程 9.橋樑結構工程 10.抗震結構工程 11.結構工程之研究發展 12.分段測驗	Syllabus	1.Faculty, future development and job market 2.Introduction to Curriculum Planning 3.Introduction to Geotechnical Engineering 4.Introduction to Foundation Engineering 5.Geotechnical Disasters and Prevention Method 6.Report on Personal Career Planning 7.Introduction to Structural Engineering 8.Building Structures 9.Bridge Engineering 10.Earthquake Resistant Engineering 11.Research and Development of Structural Engineering 12.Test

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