朝陽科技大學 091學年度第1學期教學大綱
Special Topics on Structural Concrete Technology 結構混凝土技術專論

當期課號	7511	Course Number	7511
授課教師	干裕成	Instructor	KAN,YU CHENG
中文課名	結構混凝土技術專論	Course Name	Special Topics on Structural Concrete Technology
開課單位	營建工程系碩士在職專班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	介紹混凝土結構設計理論與應用，並比較規範之變革及在現代混凝土結構物上之應用；內容包括現代混凝土材料及技術、結構混凝土理論及實務應用等。	Objectives	This course introduces the theory and application of structural concrete. The ACI specifications for design of concrete structures will be discussed The content includes the modern concrete technology and materials, the theories and practical applications of structural concrete, and other special topics.
教材	lecture and visit Lab.	Teaching Materials	lecture and visit Lab.
成績評量方式	homeworks 20% midterm and final exams 60% class exams. 20%	Grading	homeworks 20% midterm and final exams 60% class exams. 20%
教師網頁	_		
教學內容	說明傳統混凝土結構設計理論與應用，並比較ACI318-95規範之變革及在現代混凝土結構物上之應用；內容包括現代混凝土技術、混凝土結構理論及實務應用、結構混凝土技術等。	Syllabus	The course is the advanced course for concrete practice. The purpose of this course is to teach students learning on the handing, mixing, measuring, transporting and placing of all the materials used in making normal weight and light weight concrete, fiber reinforced concrete, high strength concrete, high performance concrete, self-compacting concrete, reactive powder concrete and so on. The special Concrete materials and construction methods are briefly discussed in class.

尊重智慧財產權，請勿非法影印。