朝陽科技大學 092學年度第2學期教學大綱
Construction Management 營造管理與監工

當期課號	1111	Course Number	1111
授課教師	衛萬明	Instructor	WEY,WANN MING
中文課名	營造管理與監工	Course Name	Construction Management
開課單位	建築系(四日)三A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	本課程內容著重於對建築營造之"整體管理"，其主要課題如下：(1) 營建作業流程及組織介紹。(2) 工程契約介紹。(3) 進度之管理與規劃。(4) 計劃評核分析術(PERT)/要徑法(CPM)。(5) 時間與成本分析。(6) 品質控制。(7) 營造分析與決策。(8) 整體營建管理系統。(9) 監工重點與管理技巧。	Objectives	Fundamentals of construction management. Provides exposure to the major features and issues relating to the deployment, use, and impact of management skills within public and private construction organizations. Topics include: (1) Procedures and Organizations of Construction Management, (2) Negotiations and Contracts for Construction Engineering, (3) Scheduling Tools and Estimating, (4) PERT and CPM Network Diagrams, (5) Project Cost Reports, (6) Engineering Quality Control, (7) Analysis and Decision Making for Construction Management, and (8) Management Skills Applied in Construction Fields.
教材	1.課堂講授 2.網路輔助教學 3.實例習作	Teaching Materials	1. Lectures. 2. Distance learning 3. Case studies & Projects
成績評量方式	平常成績 20% 平常作業 25% 期中考試 25% 期末考試 30%	Grading	Participation 20% Homeworks 25% Midterm 25% Final 30%
教師網頁	http://www.cyut.edu.tw/~wmwey		
教學內容	課程內容著重於對建築營造之"整體管理"，包括: 1.營建作業流程及組織 2.工程契約介紹 3.進度之管理與規劃 4.時間與成本分析 5.整體營建管理系統 6.監工重點與管理技巧	Syllabus	Integrated building & construction management, includes: 1. Organization. 2. Contracts. 3. Scheduling. 4. Time & Cost Analysis 5. Integrated management system.

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