

朝陽科技大學 092學年度第2學期教學大綱
Engineering Cost Estimating 工程估價

當期課號	6017	Course Number	6017
授課教師	吳茂村	Instructor	WU,MAW TSUN
中文課名	工程估價	Course Name	Engineering Cost Estimating
開課單位	營建工程系(二進)五A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程介紹工程估價方法，內容包括施工數量計算、單價分析、風險估算、保險估算、利潤估算、現地調查、數量計算包括鋼筋、模板、混凝土、粉刷、磚塊、外牆裝飾、土方量等工程之計算，研習本課程之學生須於期末根據實際圖例計算數量，並做出單價分析以爲驗收學習成效。	Objectives	Introduce students to construction contracts, different types of building construction project estimates, and the role they play in the facility development process. Acquaint students with the principal methods, tools and techniques used to develop building construction project estimates. Develop specific skills in the interpretation of construction plans and specifications, estimate planning and organization, quantity takeoffs and pricing. Provide an overview of the principal building systems and components in a building construction project from an estimating perspective. Explore the use of computers in estimating.
教材	上課講演 說明施工流程 實際演算 報告與檢討	Teaching Materials	lectures
成績評量方式	作業60% 單元報告30% 出勤10%	Grading	homework 60% term projects 30% other performance 10%
教師網頁	-		
教學內容	本科目教學以專案 依工程慣例的計算法則與實際單價 彙整製作工程估價單	Syllabus	The purpose of this course is to provide students the skills and knowledge of quantity takeoff used in construction projects.

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