朝陽科技大學 097學年度第2學期教學大綱
Construction Surveying Practics 施工測量實習

當期課號	1577	Course Number	1577
授課教師	黃怡碩	Instructor	HUANG,YI SHUO
中文課名	施工測量實習	Course Name	Construction Surveying Practics
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	熟悉各種測量儀器及測量作業。測量儀器介紹及維護。測距，測角，測高程，測地形。應用測量，道路測量。	Objectives	This course introduces basic concepts of surveying, including error and precision, least square adjustment, error propagation, measurment of distance, angle, and elevation, leveling, traverse, plane table, topographic surveying, and triangulation. Some advanced technology is also introduced such as photogrammertry, remote sensing (RS), global positioning system (GPS), and geographic information system (GIS).
教材	測量學-何維信	Teaching Materials	
成績評量方式	平常不定時考核 20% 測量成果 80% 三次缺席不與評分	Grading	Quizs 20% Mapping Results 80%
教師網頁			
教學內容	使同學熟悉測量儀器之操作原理與施測時之正確作業程序 1.水準儀操作 2.全功能測站操作 3.導線量測與計算 4.自由測站 5.製圖	Syllabus	Let student familiar with operating surveying equpiments and principles of surveying 1.Operating Leveling 2.Operating total startion 3.Traverse surveying & compuatation 4.Free Station 5.Mapping Campus

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