# 朝陽科技大學 096學年度第2學期教學大綱
# Construction Surveying Practics 施工測量實習

| | | | |
|---|---|---|---|
| 當期課號 | 1459 | Course Number | 1459 |
| 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%<br>測量成果 80%<br>三次缺席不與評分 | Grading | Quizs 20%<br>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<br>1.水準儀操作<br>2.全功能測站操作<br>3.導線量測與計算<br>4.自由測站<br>5.製圖 | Syllabus | Let student familiar with operating surveying equpiments and principles of surveying<br>1.Operating Leveling<br>2.Operating total startion<br>3.Traverse surveying & compuatation<br>4.Free Station<br>5.Mapping Campus |

尊重智慧財產權，請勿非法影印。