

朝陽科技大學 092學年度第2學期教學大綱
Project Planning and Control 工程規劃與控制

當期課號	6001	Course Number	6001
授課教師	蕭文達	Instructor	HSIAU,WEN TA
中文課名	工程規劃與控制	Course Name	Project Planning and Control
開課單位	營建工程系(二進)三A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	工程專案的執行，需要對進度成本品質做出完善的規劃，方能使工程順利進行，本課程即在教導各項工程規劃方法與技術，課程內容包括進度排程方法、機械生產力分析、資源拉平理論、品質分析方法、成本分析與管制方法。	Objectives	The objectives of the course is to learn the different planning and control techniques in order to know how to manage a construction project, which covers CPM, PERT, ADM/PDM, resource leveling, materials management, cost control, quality planning, safety, insurance and bonding.
教材	投影片、上課筆記課後習題與指定作業	Teaching Materials	1.handouts and transparency 2.assignment and home work
成績評量方式	上課精神與出席率(20%) 期中考(30%) 課後習題(15%) 期末考(35%) 註:1.上課期間如欲請假請以書面事先提出,本課程恕不接受口頭請假及補請假。 2.上課期間將不定期點名,點名時未到以缺席處理,且不接受補點名。 3.作業於課中指定,並於指定後次週上課前交齊,逾時拒收,不接受補交,且該次作業成績以零分計算	Grading	1.participation and attendance (20%) 2.homework (15%) 3.mid term (30%) 4. final exam. (35%)
教師網頁	-		
教學內容	本科目較學重點在學習工程計畫中所應到的進度,成本及品質的規劃與控制考核的技術與方法。	Syllabus	The purposes of this course are (1) to provide students with the basic concept of management science; and (2) to discuss management methods that have been devised specially for the direction and control of construction in the field.

尊重智慧財產權，請勿非法影印。