

朝陽科技大學 094學年度第1學期教學大綱
Special Topics in Geotechnical Engineering 大地工程技術導論

當期課號	7637	Course Number	7637
授課教師	林基源	Instructor	LIN,JI YUAN
中文課名	大地工程技術導論	Course Name	Special Topics in Geotechnical Engineering
開課單位	營建工程系碩士在職專班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程乃為研究所在職專班所開設，故偏重於探討各種施工技術在大地工程實務上之應用，其主要內容是有關於基礎工程，邊坡穩定，地盤改良，隧道工程，堤壩工程等方面之成功與失敗之案例探討。	Objectives	This course is specially designed for graduate students who has at least ten years of working experience related to civil engineering. The focus of this course is on the application of geotechnical principles to general engineering practices. Topics covered in this course include: case study on the failure or successfulness of slope stability, foundation engineering, ground improvement, tunnel engineering, earth dam engineering, etc.
教材	課堂講義/Lecture Notes	Teaching Materials	
成績評量方式	作業成績3-4次(20%) 期中考20% 期末考30% 期末報告20% 學習態度及出席情況10%	Grading	Assignment 3-4times (20%) Mid Term Exam 20% Final Exam 30% Final Report 20% Study Attitude 10%
教師網頁	-		
教學內容	1.深基礎工程 2.大地地震工程 3.地盤改良 4.特殊基礎	Syllabus	1. Deep Foundation 2. Geotechnical Earthquake Engineering 3. Ground Modification 4. Special Foundation

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