朝陽科技大學 093學年度第1學期教學大綱
Soil Mechanics 土壤力學

當期課號	1040	Course Number	1040
授課教師	賴俊仁	Instructor	LAI,JIUNN REN
中文課名	土壤力學	Course Name	Soil Mechanics
開課單位	營建工程系(四日)二B	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	土壤爲一種不均質的材料，本課程首先探討土壤的組成、種類與結構，繼而針對土壤的物理性質進行土壤分類，再探討土壤的滲透性、壓縮性與剪力強度等工程特性。	Objectives	Nature soil deposits are not homogeneous in nature. Soil mechanics is the fundamental subject of geotechnical engineering, and its applications to foundation analysis and design have been extensive during the 20th century. This course covers the properties of soil, such as its origin, grain-size distribution, ability to drain water, compressibility, shear strength and so on.
教材	Principles of Geotechnical Engineering (5th Ed.)	Teaching Materials	
成績評量方式	Attendance 10% Homework 15% Quiz 35% Exam 40%	Grading	Attendance 10% Homework 15% Quiz 35% Exam 40%
教師網頁			
教學內容	土壤之性質 土體作用力之分析	Syllabus	properties of soils analysis of forces acting on soils

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