朝陽科技大學 099學年度第2學期教學大綱
Conservation of Water and Soil 水土保持工程

當期課號	1510	Course Number	1510
授課教師	詹連昌	Instructor	Lien,chang chan
中文課名	水土保持工程	Course Name	Conservation of Water and Soil
開課單位	營建工程系(四日)三A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	課程內容分爲九章節，包含緒論、土壤沖蝕原理、土壤沖蝕機制、土壤沖蝕量推估、土壤沖蝕防治、野溪治理、崩塌與邊坡穩定、土石流治理、山坡地管理。經由課程之教學使學生瞭解其機制，進一步瞭解土壤沖蝕控制之重要性，並詳細解說各項防治工法，以降低坡地災害發生，達到維護環境及永續自然資源保育。	Objectives	Contents of course is divided in 9 chapters which including introduction,principal of soil erosion,mechmics of erosion,estimating of soil erosion,practics of soil control,torrent control,landslide and treatment,debrise flow prevention and control,management of slopland utilization.Through teaching program,soil erosion meachnics and practics methods are need to learn in order to operate in work field.
教材	1.以案例及實務說明,補充參考資料之不足,加強學生學習深度及速度 2.利用power point輔助教學及雙向討論提高學習興趣	Teaching Materials	Edited lecture sheet and PowerPoint,even two way discussion in class, are used to raise learning interesting and understandings of student.
成績評量方式	平時作業20%,期中考30%,期末考40%,學習態度10%	Grading	Quiz's and exercise 20%,midterm test 30%,final test 40%,present 10%
教師網頁	_		
教學內容	課程內容分爲九章節，包含緒論、土壤沖蝕原理、土壤沖蝕機制、土壤沖蝕量推估、土壤沖蝕防治、野溪治理、崩塌與邊坡穩定、土石流治理、山坡地管理。經由課程之教學使學生瞭解其機制，進一步瞭解土壤沖蝕控制之重要性，並詳細解說各項防治工法，以降低坡地災害發生，達到維護環境及永續自然資源保育。	Syllabus	Contents of course is divided in 9 chapters which including introduction,principal of soil erosion,mechmics of erosion,estimating of soil erosion,practics of soil control,torrent control,landslide and treatment,debrise flow prevention and control,management of slopland utilization.Through teaching program,soil erosion meachnics and practics methods are need to learn in order to operate in work field.

尊重智慧財產權，請勿非法影印。