朝陽科技大學 096學年度第1學期教學大綱
Landscape Engineering 景觀工程

當期課號	1899	Course Number	1899
授課教師	簡□貞	Instructor	CHIEN,YU CHEN
中文課名	景觀工程	Course Name	Landscape Engineering
開課單位	景觀及都市設計系(四日)二A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	正確的掌握地表狀況是規劃者與景觀建築師必須具備的基本專業能力。地形的設計不僅需反應美學與設計原理，同時也需反應生態環境的敏感度與解決技術問題的能力。大部分的設計案均難以將設計過程與施工程序獨立分開；也就是完善的結合設計與施工，才能呈現美好的空間品質。 本課程著重基地的整地工程、排水系統、大地工程及道路定線的原理及技巧。透過案例說明與練習，以漸次理解的方式，提供學生景觀工程實務面的知識基礎。	Objectives	The shaping of the earth's surface is one of the primary functions of site planners and landscape architects. This shaping must display not only sound understanding of aesthetic and design principles but also ecoligical sensitivity and technical competency. It is difficult to separate the design procedure from the constrution and implementation process and that technical competency ultimately will lead to a better finished product. This course emphasizes principles and techniquesof basic site engineering for grading, drainage, earthwork, and road alignment.
教材	1.Site Engineering for Landscape Architecture	Teaching Materials	
成績評量方式	1.作業 50% 2.期中考 20% 3.期末考 20% 4.平時成績 10%	Grading	1.Assignment 50% 2.Mid Exam 20% 3.Final 20% 4. 10%
教師網頁			
教學內容	正確的掌握地表狀況是規劃者與景觀建築師必須具備的基本專業能力。地形的設計不僅需反應美學與設計原理，同時也需反應生態環境的敏感度與解決技術問題的能力。大部分的設計案均難以將設計過程與施工程序獨立分開；也就是完善的結合設計與施工，才能呈現美好的空間品質。 本課程著重基地的整地工程、排水系統、大地工程及道路定線的原理及技巧。透過案例說明與練習，以漸次理解的方式，提供學生景觀工程實務面的知識基礎。	Syllabus	The shaping of the earth's surface is one of the primary functions of site planners and landscape architects. This shaping must display not only sound understanding of aesthetic and design principles but also ecoligical sensitivity and technical competency. It is difficult to separate the design procedure from the constrution and implementation process and that technical competency ultimately will lead to a better finished product. This course emphasizes principles and techniquesof basic site engineering for grading, drainage, earthwork, and road alignment.

尊重智慧財產權，請勿非法影印。