# 朝陽科技大學 095學年度第2學期教學大綱
# Geographic Information Systems 地理資訊系統

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| 當期課號 | 1628 | Course Number | 1628 |
| 授課教師 | 張迪惠 | Instructor | CHANG,DYI HUEY |
| 中文課名 | 地理資訊系統 | Course Name | Geographic Information Systems |
| 開課單位 | 環境工程與管理系(四日)三B | Department | |
| 修習別 | 選修 | Required/Elective | Elective |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程主要探討地理資訊系統(Geographic Information System, GIS)之基本原理及應用, 利用其強大之空間分析功用及地理資料庫, GIS能即時、準確地協助決策者作有效的管理自然及人文資源。 | Objectives | Objective:This course provide an introduction to those branches of post-calculus mathematics with which engineers need to be familiar in order to carry on their work effectively.Content:(1) Linear algebra, (2) System of linear differential equations and |
| 教材 | 上課講議 | Teaching Materials | Handout |
| 成績評量方式 | 上課表現(40%)<br>隨堂作業(30%)<br>期中考(30%)<br> | Grading | Participation (40%)<br>Computer-based practices (30%)<br>Midterm (30%)<br> |
| 教師網頁 | _ | | |
| 教學內容 | 本課程主要探討地理資訊系統(Geographic Information System, GIS)之基本原理及應用, 利用其強大之空間分析功用及地理資料庫, GIS能即時、準確地協助決策者作有效的管理自然及人文資源。 | Syllabus | This course mainly explores the principle and application of Geographic Information System (GIS). The ability of GIS to instanly thandle and process both location and attribute data helps the developers to effectively manage natural and cultural resources. |

尊重智慧財產權，請勿非法影印。