

朝陽科技大學 099學年度第1學期教學大綱  
Information Retrieval 資訊檢索

當期課號	7770	Course Number	7770
授課教師	吳世弘	Instructor	WU,SHIH HUNG
中文課名	資訊檢索	Course Name	Information Retrieval
開課單位	資訊工程系碩士在職專班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程主要介紹資訊檢索的知識，學生在本課程將可了解相關概念有：抓取文件、文件剖析、文件資訊表示、索引文件、搜尋引擎、文件自動分類、資訊擷取和文字探勘	Objectives	The goal of this course is to provide the students with a basic knowledge of information retrieval. The students will realize the following concepts in the course: Web Spider, Text Parsing, Representation Model, Indexing, Search Engine, Document Classification, Information Extraction and Text Mining?
教材	Textbook: Christopher D. Manning, Prabhakar Raghavan and Hinrich Schütze, Introduction to Information Retrieval, Cambridge University Press. 2008. Reference: Modern Information Retrieval R.Baeza-Yates and B.Ribeiro-Neto Addison Wesley Longman Publishing Co. Inc.  Mining the Web, author: Soumen Chakrabarti Morgan Kaufmann Publishers	Teaching Materials	Textbook: Christopher D. Manning, Prabhakar Raghavan and Hinrich Schütze, Introduction to Information Retrieval, Cambridge University Press. 2008. Reference: Modern Information Retrieval R.Baeza-Yates and B.Ribeiro-Neto Addison Wesley Longman Publishing Co. Inc. Mining the Web, author: Soumen Chakrabarti Morgan Kaufmann Publishers
成績評量方式	Presentation 40 % Midterm 20% Term Project 40%	Grading	Presentation 40 % Midterm 20% Term Project 40%
教師網頁	<a href="http://www.csie.cyut.edu.tw/~shwu">http://www.csie.cyut.edu.tw/~shwu</a>		
教學內容	資訊檢索 information retrieval  資訊檢索 (IR) 的技術是收集、處理文件，做資訊加值和知識擷取的基礎。  抓取文件 (Web Spider) 文件剖析 (Text Parsing) 文件資訊表示 (Representation Model) 索引文件 (Indexing) 搜尋引擎 (Search Engine) 文件自動分類 (Document Classification) 資訊擷取和文字探勘 (Information Extraction and Text Mining) 問題回答 影像檢索	Syllabus	Information retrieval  Information retrieval includes the technologies:  Web Spider Text Parsing Representation Model Indexing Search Engine Document Classification Information Extraction and Text Mining Question answering Image retrieval

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