朝陽科技大學 092學年度第1學期教學大綱
Artificial Intelligence and Expert System 人工智慧與專家系統

當期課號	1258	Course Number	1258
授課教師	李富民	Instructor	LEE,FU MING
中文課名	人工智慧與專家系統	Course Name	Artificial Intelligence and Expert System
開課單位	資訊管理系(四日)三A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	人工智慧是一個很大的領域，本課程將試著以智慧型代理人的想法探索這整個領域。 本課程定義人工智慧爲研究一些能感知環境資訊並做出合理行爲的代理人，課程主題包括： 1. 簡介 2. 智慧型代理人 3. 利用搜尋解決問題 4. 邏輯代理人6. 不確定性7. 從觀察學習 8. 溝通9. 人工智慧：現在及未來	Objectives	Artificial Intelligence (AI) is a big field. This course has tried to explore the full breadth of the field. The main unifying theme is the idea of an intelligent agent. This course define AI as the study of agents that receive percepts from the environment and perform actions. The topics included are: 1. Introduction 2. Intelligent Agents 3. Solving Problems by Searching 4. Logical Agents5. First-Order Logic6. Uncertainty7. Learning from Observation8. Communication 9. AI: Present and Future
教材	Please refer to instructor's Web site http://www.cyut.edu.tw/~fmlee/	Teaching Materials	Please refer to instructor's Web site http://www.cyut.edu.tw/~fmlee/
成績評量方式	Please refer to instructor's Web site http://www.cyut.edu.tw/~fmlee/	Grading	Please refer to instructor's Web site http://www.cyut.edu.tw/~fmlee/
教師網頁			
教學內容	Please refer to instructor's Web site http://www.cyut.edu.tw/~fmlee/	Syllabus	Please refer to instructor's Web site http://www.cyut.edu.tw/~fmlee/

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