# 朝陽科技大學 091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

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| 當期課號 | 4080 | Course Number | 4080 |
| 授課教師 | 唐元亮 | Instructor | TANG,YUAN LIANG |
| 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(二日)四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 | | Teaching Materials | |
| 成績評量方式 | | Grading | |
| 教師網頁 | | | |
| 教學內容 | | Syllabus | |

尊重智慧財產權，請勿非法影印。