

**朝陽科技大學 096學年度第1學期教學大綱**  
**Intelligent Agent 智慧型系統**

<b>當期課號</b>	7390	<b>Course Number</b>	7390
<b>授課教師</b>	林芳昌	<b>Instructor</b>	LIN,FANG CHANG
<b>中文課名</b>	智慧型系統	<b>Course Name</b>	Intelligent Agent
<b>開課單位</b>	資訊管理系碩士班二A	<b>Department</b>	
<b>修習別</b>	選修	<b>Required/Elective</b>	Elective
<b>學分數</b>	3	<b>Credits</b>	3
<b>課程目標</b>	本課程將介紹智慧型系統所用的各種技術與方法，除了搜尋、邏輯推理、知識庫等一般基礎技術外，還將討論機器學習及智慧規劃等議題，學習者將由此學習如何製作智慧型系統。	<b>Objectives</b>	This course will introduce all kind of technologies and methodologies utilized by intelligent systems. In addition to search, inference, and rule systems, the issues of learning and planning are included in the lecture. Students will realize how to design and build intelligent systems.
<b>教材</b>	1. Artificial Intelligence Illuminated, Ben Coppin, Jones and Bartlett, 2004. 2. Artificial Intelligence - A Modern Approach, Stuart Russell and Peter Norvig, Prentice Hall, 2003. 3. Papers.	<b>Teaching Materials</b>	1. Artificial Intelligence Illuminated, Ben Coppin, Jones and Bartlett, 2004. 2. Artificial Intelligence - A Modern Approach, Stuart Russell and Peter Norvig, Prentice Hall, 2003. 3. Papers.
<b>成績評量方式</b>	1. Participation: 40% 2. Mid-term examination: 20% 3. Final project: 40%	<b>Grading</b>	1. Participation: 40% 2. Mid-term examination: 20% 3. Final project: 40%
<b>教師網頁</b>	-		
<b>教學內容</b>	本課程將介紹智慧型系統所用到的技術，包含以下主題。 1. Search 2. Reasoning 3. Learning 4. Planning 5. Agents	<b>Syllabus</b>	This course will introduce the techniques used by intelligent systems, including the following topics. 1. Search 2. Reasoning 3. Learning 4. Planning 5. Agents

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