



課 綱 Course Outline

資訊工程學系人工智慧與創新應用碩士班

中文課程名稱 Course Name in Chinese	專題講座(二)				
英文課程名稱 Course Name in English	Special Topic Lecture (II)				
科目代碼 Course Code	AIIA50170	班 別 Degree	碩士班 Master' s		
修別 Type	必修 Required	學分數 Credit(s)	1.0	時 數 Hour(s)	1.0
先修課程 Prerequisite					
課程目標 Course Objectives					
讓研究生能多接觸外界的情況，不論是學術界其他學校的研究，或者是工業界目前的研發，使學生除了課本上的知識外，也能獲得不同領域及實務上的專業知識。Allow graduate students to gain more exposure to the outside world, whether through research from other academic institutions or current developments in the industry. This ensures that, in addition to textbook knowledge, students can also acquire expertise in various fields and practical applications.					
系教育目標 Dept.' s Education Objectives					
1	探究學科知識，善用專業技能 Explore academic knowledge, utilize professional skills.				
2	訓練評析思考，創新解決問題 Exercise analytical thinking, enhance creative problem solving skills.				
3	學習團隊分工，強化溝通表達 Participate in teamwork, strengthen communication skills.				
系專業能力 Basic Learning Outcomes				課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.' s Education Objectives	
A	統合資工知識技術之能力 Ability to integrate knowledge and technologies of computer science and information engineering.			●	
B	設計技術理論驗證實驗之能力 Ability to design and conduct science experiments and to validate hypotheses.			○	

C	資訊軟硬體設計開發之能力 Ability to design and develop computer software and hardware.	○
D	團隊專案開發之能力 Ability to design and develop team projects.	○
E	批判性思考與創新研發之能力 Ability of analytical thinking, creative research planning, and innovative development.	○
圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated		
課程大綱 Course Outline		
邀請學者專家到學校演講，學術界與工業界並重Invite scholars and experts to give lectures at the school, emphasizing a balance between academia and industry.		
資源需求評估（師資專長之聘任、儀器設備的配合．．．等） Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)		
每週邀請學者專家之演講費及差旅費Weekly invitation fees and travel expenses for scholars and experts.		
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods		
出席率及作業繳交Attendance rate and assignment submission.		
其他 Miscellaneous		