



課 綱 Course Outline
資訊工程學系資工組

中文課程名稱 Course Name in Chinese	專題講座(一)				
英文課程名稱 Course Name in English	Special Topic Lecture (I)				
科目代碼 Course Code	CSIE50500	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。					
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		
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		
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods		
其他 Miscellaneous		