



課 綱 Course Outline
特殊教育學系學士班

中文課程名稱 Course Name in Chinese	輔助科技個案研究				
英文課程名稱 Course Name in English	Assistive Technology Case Study				
科目代碼 Course Code	SPE_41580	班 別 Degree	學士班 Bachelor's		
修別 Type	學程 Program	學分數 Credit(s)	2.0	時 數 Hour(s)	2.0
先修課程 Prerequisite					
課程目標 Course Objectives					
系教育目標 Dept.'s Education Objectives					
1	培育優質的特殊教育師資。 To cultivate remarkable special education teachers				
2	培育創新且傑出的特殊教育學術研究人才 To cultivate innovation and outstanding special education academic research talents				
3	培育優良的輔助科技人才。 To cultivate excellent assistive technology professionals.				
4	培育理論與實務兼具的特殊教育相關產業人才。 To foster principle and practice special education related area professionals.				
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	具備特殊教育理論與實務的探究素養 To demonstrate having principle and practice investigation literacy in special education.			○	
B	具備特殊需求學生潛能發展與學習需求的教育知能與素養 To demonstrate having educational knowledge and literacy in potential development and learning needs for students with special needs.				

C	具備特殊需求學生之評量與教學素養 To demonstrate having assessment and teaching literacy for students with special needs.	●
D	具備特殊需求學生輔助科技教學設計與應用知能 To demonstrate having assistive technology teaching design and application knowledge for students with special needs.	○
E	具備特殊需求學生正向學習環境與適性輔導知能與素養 To demonstrate having positive learning environment and adaptive counseling knowledge literacy for students with special needs.	●
F	具備特殊教育專業倫理認知與實踐素養 To demonstrate having ethical and practical literacy in special education.	

圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated

課程大綱
Course Outline

本課程是針對教育背景的特殊教育學生所設計，課程將著重於科技輔具的實際應用，學習各類的資訊輔助科技操作、最新技術以及應用於各類身心障礙者的生活、工作或學習活動中。課程內容包括相關文獻探討、設計基本理念、實際個案之輔助性科技設計、輔具資源整合、及電腦輔助介面設計。

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.)

課程要求和教學方式之建議
Course Requirements and Suggested Teaching Methods

1. 教師講述
2. 科技輔具實作
3. 討論與報告
4. 指定閱讀書籍及相關文獻
5. 電腦教室互動多媒體設計

其他
Miscellaneous

1. 相關的文獻研究探討
2. 認識身心障礙者輔助性科技需求
3. 設計並應用輔具於各類身心障礙者生活、工作或學習活動
4. 應用各類輔助性輸入、輸出介面E化環境中
5. 輔助科技團隊合作