



課 綱 Course Outline

語言中心學士班

中文課程名稱 Course Name in Chinese	科技英文				
英文課程名稱 Course Name in English	English for science and technology				
科目代碼 Course Code	LC__61500	班 別 Degree	學士班 Bachelor' s		
修別 Type	選修 Elective	學分數 Credit(s)	2. 0	時 數 Hour(s)	2. 0
先修課程 Prerequisite	無 NO				
課程目標 Course Objectives					
1.To understand the essential concepts and terminology in the fields of science, low-tech and high-tech. 2.To arouse interests in exploring the related, appealing current issues.					
(校)教育目標 Objectives of General Education					
1	在地關懷與全球視野 Develop domestic and global perspectives				
2	人文素養與科學知識 Achieve humanistic values and scientific literacy				
3	全人健康與永續創新 Holistic Wellness and Sustainable Innovation				
(校)核心能力 Learning Outcomes				課程目標與校核心能力相關性 Correlation between Course Objectives and Basic Learning Outcomes	
A	自主學習與創新思考 Autonomous Learning and Creative Thinking			○	
B	康健身心 Physical Fitness and Mental Balance				
C	互動、溝通與解決問題 Interactive Communication and Problem Solving				
D	情藝美感 Artistic Feeling and Aesthetic Perception				

E	文化素養與尊重差異 Cultural Literacy and Respect for Differences	○
F	在地關懷與公民責任 Local Commitment and Civic Responsibility	○
圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated		
課程大綱 Course Outline		
A. Semiconductor B. Energy C. Robots and artificial intelligence D. Food science and technology E. The internet F. Biotechnology G. Gene therapy H. Life science I. Nanotechnology J. Current issues		
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.)		
教學相關之影像、電腦、網路及其它資源教室的設備 Teaching-related video, computer, Internet access, and other facilities.		
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods		
1. Group discussion 2. Teacher-fronted activities 3. Video appreciation 4. Self study (preview, review, project completion, etc.) 5. Q&A (open-ended and matching-type question) 6. Presentation, and so forth.		
其他 Miscellaneous		
無		