



## 教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	科技英文		學年/學期 Academic Year/Semester	113/2
課程名稱(英文) Course Name in English	English for science and technology			
科目代碼 Course Code	LC_61500	系級 Department & Year	校核心	開課單位 Course-Offering Department
修別 Type	選修 Elective	學分數/時間 Credit(s)/Hour(s)	2.0/2.0	
授課教師 Instructor	/陳思穎			
先修課程 Prerequisite				
課程描述 Course Description				
This course emphasizes the contextualized use of vocabulary and questioning in various technological fields. Given extensive topics to deepen and widen knowledge of current modern technology. The contents cover life topics that students get to select text for shadowing comprehension of different technological application. Group discussion is important in the process of learning for brainstorming and problem-solving. The exam will be conducted by group discussion and presentation. Discussion and writing assignments will be given in the class.				
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)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			○
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			
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			
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			
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			○
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			○
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				

## 授課進度表 Teaching Schedule &amp; Content

週次Week	內容 Subject/Topics	備註Remarks
1	Course Introduction	
2	Public Holiday	
3	Modern technology-New technology changes our life	
4	Asynchronous courses	
5	Medical Technology	
6	Medical technology (group presenting and discussion)	
7	Public Holiday	
8	Educational technology -New ways of learning	
9	Aeronautical technology-What's you don't know about aeronautical engineering (group presenting and discussion)	
10	Aeronautical technology-What's you don't know about aeronautical engineering	
11	Midterm Project Submission E-creator	
12	Environmental technology	
13	Environmental technology(group presenting and discussion)	
14	Transportation (group presenting and discussion)	
15	Public Holiday	
16	Application-Movie appreciation	
17	Application-New idea, new invention and new life. (group presenting and discussion)	
18	Final Project Submission	

教學策略 Teaching Strategies

- 課堂講授 Lecture       分組討論 Group Discussion       參觀實習 Field Trip  
 其他 Miscellaneous:

教學創新自評 Teaching Self-Evaluation

創新教學 (Innovative Teaching)

- 問題導向學習 (PBL)       團體合作學習 (TBL)       解決導向學習 (SBL)  
 翻轉教室 Flipped Classroom       磨課師 Moocs

社會責任 (Social Responsibility)

- 在地實踐 Community Practice       產學合作 Industry-Academia Cooperation

跨域合作 (Transdisciplinary Projects)

- 跨界教學 Transdisciplinary Teaching       跨院系教學 Inter-collegiate Teaching  
 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

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學期成績計算及多元評量方式 Grading & Assessments

配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績 General Performance	20%		✓	✓					
期中考成績 Midterm Exam	25%				✓				
期末考成績 Final Exam	25%				✓				
作業成績 Homework and/or Assignments	30%				✓				
其他 Miscellaneous (_____)									

評量方式補充說明

Grading & Assessments Supplemental instructions

教科書與參考書目 (書名、作者、書局、代理商、說明)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

(No Specific textbook is required, related materials will be provided via Zuvio or in class)

課程教材網址(含線上教學資訊,教師個人網址請列位於本校內之網址)

Teaching Aids & Teacher's Website(Including online teaching information.

Personal website can be listed here.)

Due to the pandemic, all the class related announcement including online teaching link will be published via Zuvio please download the app when you enroll this class.

Zuvio class code:104176423

其他補充說明 (Supplemental instructions)

Please be aware of following rules

1. Please be on time, if late for the the class will be deducted 5 points each time
2. If you need to have sick leave please write email to TA in advanced and prepare the proof of doctor's prescription
3. The score will be deducted 5 points each time if you fail to attend the class without no proper reason
4. Absent four times or late for six times will not pass the class.