



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		114/2				
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	語言中心				
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 brain-storming 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	<input type="radio"/>
A	自主學習與創新思考Autonomous Learning and Creative Thinking	<input type="radio"/>
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	<input type="radio"/>
E	文化素養與尊重差異Cultural Literacy and Respect for Differences	<input type="radio"/>
F	在地關懷與公民責任Local Commitment and Civic Responsibility	<input type="radio"/>
F	在地關懷與公民責任Local Commitment and Civic Responsibility	<input type="radio"/>

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

授課進度表 Teaching Schedule & Content

週次 Week	內容 Subject/Topics	備註 Remarks
1	Public Holiday	
2	Course Introduction	
3	Modern technology-New technology changes our life	
4	Modern technology- group presentation	
5	Medical Technology	
6	Public Holiday	
7	Medical technology (group presenting and discussion)	
8	Educational technology -New ways of learning	
9	Educational technology -New ways of learning (Group presentation)	
10	Midterm Project Submission E-creator (Public Holiday)	
11	Aeronautical engineering (What you don't know)	
12	Aeronautical engineering (What you don't know)	
13	Environmental technology	
14	Environmental technology(group presenting and discussion)	
15	Transportation (group presenting and discussion)	
16	New Tech invention	
17	Final E book submission	
18	No class	

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:

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
平時成績(含出缺席) General Performance (Attendance Record)	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.