國立台灣科技大學 114學年 第2學期　課程大綱

Spring 2026 NTUST Course Outline

授課教師：謝明慧

Instructor:Ming-Hui Hsieh

課程名稱：科技英文

Course Title：English for Science and Technology

2026/11/3

課程代號： FE1621702 Course Code 學分數： 2 Credits	必選修：選修/半學年 Required/Electve:Elective/Half Yr. 先修課程： Prerequisites
節次教室： T3(IB-609) T4(IB-609) Time/Location	
專業核心能力： Core Professional Competencies	
課程網址： Course Website	
課程宗旨： Course Objectives	English for Science and Technology is a course designed to develop students' English language skills as they explore the fascinating world of new technologies. Through readings, videos, discussions, worksheets and presentations in English, students will explore emerging innovations such as humanoid robots, mind-reading technology, self-driving cars, and more, all while practicing their English skills. This course emphasizes critical thinking and communication skills as students collaborate with peers to describe technologies, analyze the pros and cons in these technologies, and express their ideas clearly in English. Upon successful completion of this course, students will: 1. Acquire key vocabulary and knowledge in English related to the selected topics. 2. Understand, assess the pros and cons, and analyze information in English from selected learning materials. 3. Describe and discuss ideas in selected science and technology in English.
課程大綱： Outline of Lectures	

	Tentative Plan: Week 1: Course overview Week 2: Predictions for our future Week 3: Predictions for our future Week 4: Self-driving cars and similar inventions (SDG-industry, innovation, and infrastructure) Week 5: Self-driving cars and similar inventions (SDG-industry, innovation, and infrastructure) Week 6 CRISPR technology (SDG-industry, innovation, and infrastructure) Week 7: CRISPR technology (SDG-industry, innovation, and infrastructure) Week 8: paraphrasing and summary writing skills Week 9: Mind-reading technology (SDG-industry, innovation, and infrastructure) Week 10: Mind-reading technology (SDG-industry, innovation, and infrastructure) Week 11: Cyborg and humanoid technology (SDG-industry, innovation, and infrastructure) Week 12: Cyborg and humanoid technology (SDG-industry, innovation, and infrastructure) Week 13: Deep Fake technology (SDG-industry, innovation, and infrastructure) Week 14: Deep Fake technology (SDG-industry, innovation, and infrastructure) Week 15: catch-up and presentations Week 16: Catch-up and presentations
授課方式： Method of Instruction	講授 Lecture：40% 分組討論 Group discussion：30% 案例研討 Case study：0% 操做練習 Practical exercises：30% 講授 Lecture：%
教科書： Textbooks	PPTs and handouts will be provided by the instructor.
參考書目： References	
修課須知： Notice	
評量方式： Grading	Tentative Grading Policy: Class participation and attendance 30% Assignments (including Padlet projects, short presentations, and other assignments) 50% Group presentation 20%
備註說明： Notes	to be announced in class