

國立屏東大學

114年度XPLORER探索者

素養導向高教學習創新計畫

【生成式AI融入課程教學】

第一階段成果

計畫名稱：使用 AI 工具及錄製個人部落格提升英文口語能力

姓名/職稱：朱曉薇/助理教授

所屬單位：大武山學院

一、114-1 學期配合課程資料

113.5

課程名稱	商管英文
開課單位	大武山學院/共同教育中心
開課學分數	2 學分
預計修課人數	35 人
課程屬性	<input type="checkbox"/> 新開設課程 <input checked="" type="checkbox"/> 舊課程翻新
課程類別	<input checked="" type="checkbox"/> 必修 <input type="checkbox"/> 選修 <input type="checkbox"/> 共同科目 <input checked="" type="checkbox"/> 通識 <input type="checkbox"/> 學程課程 <input type="checkbox"/> 全英語授課(EMI) <input type="checkbox"/> 其他_____
教學目標	This English for English for Business Management course is designed for undergraduate students in the College of Management as part of a continuum from the Freshman-year English for General Academic Purposes program, bridging into English as a Medium of Instruction (EMI) courses within the college. This 2-credit, one-semester course aims to enhance students' language and communication competence in business and management domains by focusing on the oral and written skills necessary for academic and professional contexts.
預期學習成果	<p>Through the use of authentic business topics and integration of AI tools such as ChatGPT, NaturalReader, and Otter.ai, students will be supported in developing real-world communication strategies. They will complete two Vlog assignments (one individual and one group-based) and deliver an in-class presentation, allowing them to practice, refine, and reflect on their speaking performance in a structured and supportive learning environment. The course targets CEFR B1–B2 levels, preparing students to function effectively in EMI courses and global business settings.</p> <p>By the end of this course, students will be able to:</p> <ol style="list-style-type: none"> 1. Write formal business emails using appropriate structure, tone, and professional language, and demonstrate their skills through an in-class writing assessment. 2. Understand, organize, and apply business-related vocabulary and terminology by creating mind-mapping diagrams as a visual vocabulary learning and assessment tool.

預期學習成果	<p>3. Plan, rehearse, and deliver effective spoken business communication - including one individual presentation and two Vlog tasks - demonstrating clear organization, appropriate language, and improved delivery techniques with the aid of AI tools (ChatGPT for script editing, NaturalReader for pronunciation modeling, and Otter.ai for transcription and self-assessment).</p> <p>4. Enhance oral communication skills by focusing on fluency, pronunciation, intonation, and rhythm through repeated practice and AI-assisted speaking exercises.</p> <p>5. Develop digital literacy and critical thinking skills by using AI tools to evaluate and refine their own spoken and written language performance, supporting both individual growth and team collaboration.</p> <p>6. Work collaboratively and constructively in team-based tasks, applying communication strategies and project management skills appropriate to academic and professional business contexts.</p>	
與預期學習成果 搭配的多元評量	<ul style="list-style-type: none"> • AI Worksheets *2 (5%): Students will complete three AI worksheets by responding to prompts. This activity encourages them to reflect on what and how they have learned to enhance their speaking skills using AI tools. • Vlog task (two videos) Outline, Video recording & peer feedback (30%): Over the course of the semester, students will create two vlogs to present the content. • In-class 3-minute personal SWOT analysis presentation (20%): At the end of the semester, each student will deliver a 3-minute individual presentation in class based on an assigned topic. 	
週次	16 週課程綱要	於課程內安排 與生成式 AI 應用學習活動 (至少 3 週以上，請於安排的週次欄位內具體詳細敘明)
1	Course overview & Out-of-class tasks	<ul style="list-style-type: none"> • Introduction to the course • Introduction to Out-of-class tasks
2	Team building Activity & Introduction to AI ethics	<ul style="list-style-type: none"> • Grouping • Discuss ethical issues in AI (介紹使用生成式 AI 的素養與正確觀念) & 3 AI Tools (ChatGPT, NaturalReader & Otter.ai)
3	Theme 1: Disciplinary Communication	<ul style="list-style-type: none"> • Techniques to write formal emails in business formats • Mind-mapping diagram group work
4		<ul style="list-style-type: none"> • Start to work on Vlog project (Practice using ChatGPT to revise the scripts; NaturalReader to improve intonation and fluency; Otter.ai to practice pronunciation and accuracy)
5		
6*		*Moon Festival (No Class)
7		<ul style="list-style-type: none"> • Theme 1 in-class writing + theme quiz on 10/13 for an hour

8	Theme 2 Disciplinary Language Awareness & Integration	<ul style="list-style-type: none"> • Article: Top 6 famous Taiwanese companies • Tips on giving a presentation
9		<ul style="list-style-type: none"> • In-Class Vlog I Script Writing & ChatGPT Revision → Students will learn how to craft effective prompts and give clear instructions when using ChatGPT to revise their Vlog I scripts. After entering their draft scripts into ChatGPT, students will identify at least five revisions or suggestions provided by the AI that contributed to their learning. They will then explain how these suggestions help them recognize common mistakes and how to avoid them in future writing. <i>(Submit their draft and revision scripts to AI worksheet)</i> • Pronunciation, Fluency, and Accuracy Practice with NaturalReader & Otter.ai → Students will be introduced to the use of NaturalReader and Otter.ai as tools to improve their spoken English. In a designated 30-minute in-class session, they will practice reading aloud the revised scripts, first listening to modeled pronunciation using NaturalReader, then recording their own speech with Otter.ai. This activity allows them to compare the AI transcript to their original script, helping them reflect on pronunciation, fluency, and accuracy. <i>(Response to the prompt questions on AI worksheet)</i>
10		
11		
12	Theme 3 Disciplinary Identify & Community	<ul style="list-style-type: none"> • Recruitment advertisements • Personal SWOT analysis
13		<ul style="list-style-type: none"> • In-Class Final Presentation Script Writing & ChatGPT Revision • Pronunciation, Fluency, and Accuracy Practice with NaturalReader & Otter.ai
14		
15		
16		<ul style="list-style-type: none"> • Individual 3-minute in-class presentation

二、評量工具

1. Email writing in a business format 20%
2. In-class 3-min personal SWOT analysis presentation 20%
3. Two vlog tasks (outline, vlog, feedback) 30%
4. Out-of-class tasks (Mind-mapping diagrams*8+ AI worksheets * 2 (in-class presentation & vlog) 10%
5. Class participation 10%
6. Pre-test & Post-test 10%

三、其他

- **AI Worksheet Sample**

Student ID Number & Name: _____

Topic: _Vlog 1/ Vlog 2/ 3-minute in-class presentation__

AI Tools Reflection Worksheet

Part 1: Using ChatGPT to Improve My Script (Each question in this part is worth 2 points (Total: 8 points))

1. Write your original script here (about 150–200 words):

Original Text:

2. What did ChatGPT help you change?

☐ grammar. ☐ sentence structure ☐ vocabulary ☐ ideas ☐ other: _____

3. Write 3 examples of the suggestions it gave:

4. Rewrite your script here after making changes:

Revised Text:

5. What did you learn from ChatGPT? Write **two things** you will remember **for next time**.

Part 2: Using NaturalReader to Practice Speaking (Each question in this part is worth 2 points (Total: 6 points))

6. What did you notice about the pronunciation and intonation in NaturalReader? [Answer in English or Chinese]

7. Write 3–5 words or phrases that are difficult for you to say.

8. How did listening and practicing with NaturalReader help you speak more fluently? [Answer in English or Chinese]

Part 3: Using Otter.ai to Check Your Speaking (Each question in this part is worth 2 points (Total: 6 points))

8. Record your script using Otter.ai. Underline/Highlight mistakes did you find in the transcription? (e.g., missing words, wrong words, unclear sentences)

Screenshot of Otter.ai

9. What are 3 words or phrases you said incorrectly?

10. What **will** you focus on **next time** to improve your fluency? [Answer in English or Chinese]

Part 4: Final Reflection (Each question in this part is worth 5 points (Total: 10 points))

11. Compare your recording to the NaturalReader voice. What is **one big difference**? What do you want to improve? [Answer in English or Chinese]

12. After using these tools, do you feel more confident speaking English? Why or why not? [Answer in English or Chinese; at least 80 words]

• **Evaluation: Rubric Guide (Scoring Criteria)**

Score Criteria (For Questions 1-10; 2 pts each):

- 2 pts Clear, thoughtful, and complete response using appropriate language.
1 pt Partial response; lacks clarity or detail; effort is minimal or off-topic.
0 pts Blank, unclear, or irrelevant response.

Score Criteria (For Questions 11-12 (5 pts each):

- 5 pts Reflective, well-supported, and detailed answer showing awareness of growth.
3 pts Adequate response; some insight but limited explanation or depth.
1 pt Basic or vague response with little reflection.
0 pts Blank or not relevant.

▲請於 114/06/30(一)下午 24:00 前將電子檔 (word、可編輯文字檔格式或 pdf 格式)寄
至教學發展中心 demonfor99@mail.nptu.edu.tw