打造雙語環境，
資工專屬英語課程豐富精采

文稿整理／劉美君

為了提升本院學生的英語能力，晉升為國際人才，資訊學院開設了專屬於資工學生的英語課程，旨在輔助本院碩、博班生增進一般聽力與口說英語能力及學術閱讀及寫作英語能力，學生可依據學習需求彈性選擇課程。本學期共有七種課程讓同學們參與：英語溝通與表達、學術英文發表課程、英文寫作邏輯與概念、論文篇章邏輯與概念、進階英文寫作、學術文獻閱讀技巧與英文文法邏輯解析。課程豐富，訓練紮實，以下是學生參與課程的心得：

參與課程：英文寫作邏輯與概念
學　　生：莊仁輝教授實驗室 黃粵丞

很意外的，這門寫作課讓我學到了比預期多好多的知識；Willy 老師的上課非常的紮實與有趣，常常會在課程一開頭來點輕鬆的給大家看有趣的節目片段，好笑又可以讓我們了解到外國人的文化，更重要的是帶出英文與中文不管是在邏輯上還是在用法上都有很大的不同；像是中文就會很多語助詞，英文就簡單扼要，讓我們從生活化的例子，學到英文的精髓。這堂課架構不僅讓我在最近新寫 paper 的手感上，順利了不少，更讓人有感的是在閱讀 paper 上增快不少速度。後面兩周由於疫情的關係，Willy 老師在課程上更加用心與扎實（常常晚下課），但這兩周我居然更加認真、心無旁鶩的在認真聽課（可能是上

實體課要寫東西，寫完我在滑手機），實在是迫不及待之後的英文寫作進階課程，能讓我的英文 writing 能力提升新的一個檔次，最後再次感謝資訊學院能讓我們上這個扎實又有用的課程，謝謝 Willy 老師與 Selina 老師的協助與用心。

參與課程：英文寫作邏輯與概念
學　　生：王協源教授實驗室 謝献爵

上課內容主要包含英文寫作邏輯養成、論文寫作的架構與句子段落的連貫。

Willy 老師透過舉例讓學生清楚了解該如何用英語人士的角度寫作，並且會閱讀學生的指導教授的論文加以分析。英文論文寫作常見結構與語句流暢度，最後期末報告再讓同學分析文本。這六週的課程收穫滿滿，非常推薦給其他同學上英語圓桌推出的一系列口說與論文寫作的課程。

參與課程：論文篇章邏輯與概念
學　　生：邱維辰教授實驗室 郭毓梁

修習了兩學期 Willy 老師的寫作課程，對於論文寫作上有很大的幫助，其中覺得 Willy 老師最用心也對我們最有效的教學方式，是他都會直接拿我們領域內文章來當作範本，以結構式的方式詳細分析論文的段落分配，這種基於架構的階層式論文分析幫助我們更能設計自己的論文，貼

近學生們的論文主題也使我們能快速吸收教導的知識，是一堂對於寫作論文非常有幫助的課程。

參與課程：論文篇章邏輯與概念
學　　生：邱維辰教授實驗室 蔡孟勳

Willy 老師的課讓我獲益良多，課程架構非常清晰明瞭，主要以論文的各個 section 作為每周上課的重點，每個 section 都會講解可以參考的結構並以實際 論文的例子說明該注意的重點。另外，老師上課常以各種團隊競爭（遊戲）的方式 輔助我們學習，讓不太喜歡英文的我可以比較沒壓力的學習，真的非常感謝老師的教導，因此我也非常推薦給資訊學院的其他同學來上 Willy 老師的英文寫作課。

參與課程：論文篇章邏輯與概念
學　　生：邱維辰教授實驗室 李育瑄

Willy 老師上課很用心也很有趣，在這堂課學到了很多學術寫作的架構、句法以及用字，老師會搭配相關領域的論文讓我們比較，學習各篇論文好的部分也會指出可以改進的地方。除了課程內容扎實，老師也會設計一些互動加深上課的內容， 大家都學習得很開心！很推薦其他同學來上這堂課，會是充實又開心的時光！

參與課程：英語溝通能力與表達
學　　生：孫春在教授實驗室 魏君豪

英文是這個國際化的時代非常重要的工具與技能，我個人共參加了兩個學期的英語圓桌口說課程，每週上課前老師會先告知下週要上課的主題及相關的影片連結，影片內容基本上都非常詼諧有趣，看起來毫無負擔，之後就會以該主題做口說討論。上課的氛圍非常輕鬆又有活力，強烈推薦大家結伴一起來報名，別讓這麼好的資源白白浪費了！

參與課程：英語溝通能力與表達
學　　生：邱維辰教授實驗室 李峻毅

英語圓桌是個很歡樂的課程，我參加的英語圓桌主題是口語課程，一學期有六次上課和一次的活動。老師是一個外國女生，年紀跟我們相仿所以話題相近，非常好相處。在每次上課前都會發講義以及給我們一部短片的連結，而且每次上課的主題都是由我們自主票選。這學期由於疫情的關係，老師提議我們活動為在線上玩英語版的

狼人殺，完全不會有正式上課的那種嚴肅感，非常推薦大家一起來快樂且輕鬆的學英語哦！

參與課程：學術英文發表課程
學　　生：張永儒教授實驗室 鐘智吉

這次在「學術英文發表」課程，Selina 老師在課堂上給我們大量情境練習對話，練習上課內容。我覺得最實用的章節，是在敘述資料和圖表時可以使用的句型和單字整理。在需要時可以參考使用，也能讓自己更清楚地呈現數據、相關趨勢以及意義。不論是開發或是研究，有好的英文能力都可以更完整、清楚地表達自己的想法，可以更順暢地與人合作和交流。

參與課程：學術英文發表課程
學　　生：張永儒教授實驗室 林芳宇

Selina 老師的上課內容大約分成三個部分，第一是發音練習。第二是一般口說的時候會用到的，如何讓語句念起來更自然順暢。第三是報paper 時會用到的公式句型，比方如何報告圖表。老師在講義上提供公式句型，有些時候也會帶我們做實際演練。我覺得聽老師講解這些句型，會比較了解英語報告者的鋪陳邏輯，大概了解邏輯之後，再選出講義裡面自己比較可能會用的句子記起來就好。為什麼發展英文能力對 CS(相關領域) 的學生很重要，因為我自己是一個不太會報paper 的人，有時候自己以為講得很清楚，但其實台下的大家沒有聽懂。所以在課堂中學到了英文報告時可以用的公式，確保這些邏輯是國外聽眾可能比較容易理解的，這一點讓我比較安心。

參與課程：英文文法邏輯解析
學　　生：曾建超教授實驗室 金則禹

在這次英文圓桌的文法課程中 Selina 老師我們深入淺出的講解了一些常用的句型和規範。像是單複數的冠詞部分是我印象最深刻的，第一次瞭解到不同的冠詞會表達出作者和讀者對單詞含義的不同認知，也瞭解到了英文寫作的特點是開門見山的表達中心思想。對於　什　資工系學生需要發展英文，因　大部分先進的技術相關的文獻一般都由英文撰寫，所以需要有比較好的英文　讀能力，然后則會有寫作英文論文或者進行英語報告的需求。我會非常推薦同學來圓桌學習，並且可以根據目前自己感興趣的區塊選擇對應的課程，我覺得這是資工系給學生提供的一項十分實用的資源。

CS English Enhancement Courses to Cultivate Students' English Abilities

To increase Computer Science students' competitiveness for the future global market, the Department of Computer Science of National Yang Ming Chiao Tung University (NYCU) offers English enhancement courses to improve local students' general English and academic English abilities. Students can select the courses according to their learning needs for English. Seven types of courses were provided during the semester, including English Communication and Delivery, English Presentation for Academic Purposes, The Introduction to English Writing and English Logic 1, The Introduction to English Writing and English Logic 2, The Introduction to English Grammar Logic, and Academic Reading Course for Graduate Beginners. The following are students' reflections after joining these courses.

Course Title: The Introduction to English Writing and English Logic 1
Name: Eden Huang (Intelligent System Lab)

Surprisingly, I learned so much more than I expected from Willy's writing course. The course laid a solid foundation for the principles in English writing, and it was very interesting to learn those concepts. The course instructor would show us some hilarious clips related to language at the beginning of class. In this way, we learned some cultural differences from English-speaking countries. Most importantly, we realized that the logic and usage of English are much different from Chinese. For example, there are a lot of filler words in Chinese, but native English speakers tend to use simpler and more direct ways to express the language. After taking this course, I can write my academic papers more fluently. Furthermore, I also increased my reading speed when reading academic papers. Due to the Covid-19 pandemic, the course switched to online learning mode during the final two weeks. Not only did the course instructor put more effort into the course, and I was also more concentrated during the classes. All in all, I cannot

wait to participate in the next writing course, The Introduction to English Writing and English Logic 2, to continue practicing my writing skills. I would like to thank the College of Computer Science for providing the English enhancement courses for us. Finally, I would like to show my appreciation to the course instructor, Willy, and course supervisor, Selina.

Course Title: The Introduction to English Writing and English Logic 1
Name: Jason Hsieh (Network and System Laboratory)

This writing course consists of three parts, including logic in English, sentence structure in thesis writing, and coherence between sentences. The course instructor guided students to learn writing in an English style through analyzing the structure and coherence from examples chosen from our professor's academic papers. In the final session of the course, we did a presentation on analyzing Computer Science academic papers. Overall, I learned a lot during these 6 weeks. I recommend the English enhancement program, including speaking courses and writing courses to everyone.

Course Title: The Introduction to English Writing and English Logic 2
Name: Hank Kuo (Enriched Vision Applications Lab)

After taking two writing courses with Willy, I learned a lot about thesis writing. I think these courses are beneficial to me because Computer Science academic papers were used as the class materials. During the classes, the structures and paragraphs of the academic paper were explained and analyzed in detail by the course instructor. In this way, it helped us to plan out our thesis. The topics discussed during the courses were relevant to our research field, which also was the main factor to motivate our learning. Overall, this is an informative course for Computer Science students to develop the necessary skills for thesis writing.

Course Title: The Introduction to English Writing and English Logic 2
Name: Allen Tsai (Enriched Vision Applications Lab)

I learned a lot from Willy's writing course. The structure of the class was very organized and easy to follow. During the class, different chapters in the thesis were discussed and explained by the course instructor with actual examples extracted from the Computer Science academic papers. Also, many interesting

class activities took place during these 6 weeks to help us learn better. Personally, I do not like English that much. However, I was able to learn this way with less pressure in this course. I would like to show my appreciation for Willy's guidance and instruction. Thus, I recommend every student from the Department of Computer Science to take this writing course.

Course Title: The Introduction to English Writing and English Logic 2
Name: Eva Lee (Enriched Vision Applications Lab)

I learned so much and had fun from Willy's course. During the course, many sessions were covered about writing, including academic writing structure, grammar, and vocabulary. The materials used in the classroom were academic papers in the Computer Science field. Both good parts and weak parts of the articles were discussed during the class. The content of the course was really helpful for computer science graduate students at the stage of writing thesis and academic papers. Besides, I also had fun during the classes. The course instructor would conduct some interesting interactive activities to enhance our learning. Therefore, I would recommend Computer Science students to join this awesome course.

Course: English Communication and Delivery
Student: Ethan Wei (Learning Science and Technology Lab)

English ability is an important tool in the modern world. I participated in the English Communication and Delivery course for two semesters. Interesting videos and topics were assigned by the course instructor one week before class, and were used as class materials to practice English speaking. The atmosphere in the class was relaxing and energetic. I would recommend everyone to come to join this course with your lab members.

Course Title: English Communication and Delivery
Student: Patrick Lee (Enriched Vision Applications Lab)

The course, English Communication and Delivery, provided a joyful environment to learn English. Our course instructor was an American graduate student, who was easy-going and friendly to all students. She held 6 classes and one extracurricular activity for us last semester. Before every class, she would send handouts and links to us and we could choose the topics we were interested to discuss later on in class. Due to the Covid-19 pandemic, we had to switch to remote learning for the course. Our instructor guided us to play a board game, the English version of One Night Ultimate Werewolf on google meet. It helped us to learn English in an English immersion environment without too much pressure. I would recommend to everyone who wants to practice speaking English at our department to join this course.

Course Title: English Presentation for Academic Purposes
Student: Dennis Chung (Mobile and Ubiquitous Interaction Lab)

During this course, English Presentation for Academic Purposes, we did many practices to build the essential skills required for presentation. What I found the most useful part was learning how to present research data and tables from chapter 3. We also learned how to use the vocabulary and formulaic expressions applied in different scenarios in the presentation. After attending the course, I was able to present my research paper more clearly. In the future, we need good English skills to be able to communicate with others and present ourselves when developing products in the market or research.

Course Title: English Presentation for Academic Purposes
Student: Emily Lin (Mobile and Ubiquitous Interaction Lab)

There are usually three parts in the course. The first part is pronunciation practice, the second part is the practice for necessary speaking skills, such as stress and chucks. The third part is learning formulaic expressions used in conference presentations. There are example sentences provided in the handout weekly. Usually, the course instructor would explain these sentences first, then guided us to do the practice. In this way, we were able to follow the logic of these sentences. After that, we could pick useful sentences when we need to present our papers.

In my opinion, it is important to develop English skills as a student who studies in a Computer Science-related major. Before I joined this course, I was not that confident with my presentation skill because I was not sure if I could make it clear for my audience to understand my speech. After joining this course, I feel more assured if I can apply standardized formulaic examples in my presentation.

Course Title: The Introduction to English Grammar Logic
Student: Ze-Yu Jin (Wireless Internet Laboratory)

I learned many useful sentence structures and rules about grammar from this course. In English logic, things are simpler and more direct compared to Chinese, but how we select these rules to use is worthwhile to learn because the way to use grammar differently would convey different meanings to your target listeners or readers. For example, ways of using plural and singular forms with articles in different contexts will determine different meanings. As a Computer Science graduate student, it is important to sharpen your English skills, because most academic papers and technical reports are written in English. Also, there is a need to write English in a thesis and present it in English as a graduate student. Therefore, I strongly recommend Computer Science students to join this course, which is a very useful resource to us.