

資工系首推英語學術能力課程 提升國際競爭力

文／劉美君 資工系英語助教

首次推出英語學術能力課程

為了面對全球化及國際化的就業市場需求，本院致力於推動雙語國際化，在提高資工專業領域全英語授課的比例之同時，為了協助本地學生適應全英語授課的能力，在過去幾年本院也推出專屬的英語口說及聽力課程，來增進學生對一般英語能力的信心，使推動全英語授課的成效更佳。因課程對學生有幫助，系上教授們更進一步建議學生的學術英語閱讀及寫作能力也是提升國際競爭力的重要的條件。因此除了原本的英語口說課程外，本學期資工英語課程教學團隊第一次推出英語寫作邏輯課來協助學生建構撰寫論文及學術投稿的能力。

資工專屬英語課程的教學團隊由本校英語教學研究所美籍碩士生 Dejah Crystal 老師、本系英語助教劉美君老師及來自清大外文研究所認知語言組畢業的王俊凱老師組成，共十一個實驗室參與了英語溝通與表達課程（英語口說課），而另外有六個實驗室報名了學術英語寫作課程。每位老師的課程內容豐富，各具有特色。例 Dejah 老師的課程擅長用美國的文化設計有趣的課程，劉美君老師的課程喜歡帶入熱門時事議題，並且鼓勵學生用英文討論，增進學生的語言學習動機。而在本學期新增的英語寫作邏輯課程中，王俊凱老師特別使用資工系領域 paper 作為教材，深入淺出的講解複雜的學術邏輯架構。學生及教授對新課程的反應良好，認為英語能力和專業能力一樣都需要花時間好好學習，而資工英語課程教學團隊提供的課程針對不同英文需求，包含一般聽力與口說英語能力及學術寫作英語能力，都對資工學生在不同階段非常有幫助。

課程介紹

本計畫預計在 109-2 學期繼續開設改良後的三類型英語增能課程，學生可依據學習需求選擇課程：

一、英語口說能力表達課

Level 1 基礎英語與生活英語口說課程：增加學

生一般生活主題的英語聽力及口說練習，全英文上課，適合需要在短時間增加英語流暢度的學生。

Level 2 學術英文發表課程：增加學生在學術發表及會議討論時的英語能力，透過朗讀練習、發音練習、架構統整練習，訓練在正式場合發表英語的能力。適合需要在會議中用英文發表或有學術發表需求的學生，需參加過口說課程 level 1 的學生才能報名。

二、學術英文寫作邏輯課

Level 1 基礎英文寫作 (1)：英文寫作邏輯與概念。

Level 2 基礎英文寫作 (2)：論文篇章邏輯與概念，需要參加過寫作課 level 1 的學生才能報名。

Level 3 進階英文寫作，需參加過 level 1 及 level 2 的寫作課程並已著手在撰寫論文或 conference paper 學生可報名。

三、學術閱讀與文法課

Level 1 學術文獻閱讀技巧：增進閱讀句子的流暢度及增進閱讀英文文獻的技巧，適合剛進入碩班生的學生報名。

Level 2 英文文法邏輯解析：學習用邏輯解析英文文法，對於用英文式思考去閱讀、撰寫句子更有概念，需參與過閱讀課程 level 1 的學生可報名。

其他相關課程訊息聯繫請洽劉美君英語助教 selinaliu731@nctu.edu.tw



CS Offered Academic English Program to Enhance Students' Global Competitiveness

To increase Computer Science students' competitiveness for the future global market, the Department of Computer Science of National Yang Ming Chiao Tung University (NYCU) aims to build a bilingual education environment by offering more medium of instruction (EMI) courses. Meanwhile, customized English courses are also provided by a teaching team in the department to enhance local students' confidence for general English in speaking and listening. By taking the courses, students can adapt to English-medium courses more successfully. With the success of the courses provided for the past few years, professors of our department further suggested that the academic reading and writing abilities should also be considered as important training for students to face global challenges in the future. Therefore, the Introduction to English Writing and English Logic course was offered the very first time this semester to help students to focus on academic English and develop their required skills for writing thesis and journal articles.

Dejah Crystal, an American master's students from the Institute of Speaking English to Other Languages of NYCU, Mei-Chun Liu, the department's English assistant, and Jyun-Kai Wang, a lecturer graduated from the master's program of the Foreign Language Department of National Tsing Hua University (NTHU) joined this teaching team. Overall, 11 labs joined English Communication and Delivery courses (speaking course) and 6 labs signed up for the Introduction for English Writing and English Logic. All of the courses were very instructive and specially customized. For example, Crystal used culture as an important element in her speaking course to arrange a lot of interesting in-class activities. Also, Liu incorporated trendy topics in her lesson contents and motivated students to discuss in English as much as possible. In Jyun-Kai Wang's English writing class, Computer Science journal articles were widely used as materials to explain the complicated concepts of organization and structures about writing. Professors and students gave positive feedback to the English program, indicating that English ability and professional knowledge are both important and require time for CS students to learn step by step. They also agreed that this program can serve different English learning needs

for Computer Science students at different stages.

Course introduction

We aim to offer three types of adjusted English courses after collecting feedback from students. Students are able to select courses according to the needs.

1. Speaking and listening course

Level 1 English Communication and Delivery: the goal of the course is to increase students' listening and speaking fluency. It targets students who want to be familiar with a full English speaking environment in a short time.

Level 2 English academic presentation course: the purpose of the course is to train students' ability in presenting and discussing in conference meetings through read aloud, pronunciation, and organization practices. It is suitable for students who need to make English presentations. Students need to take the level 1 speaking course before taking this course.

2. Academic Writing Course

Level 1 The Introduction to English Writing and English Logic 1.

Level 2 The Introduction to English Writing and English Logic 2: the Concept and Logic of Thesis. Students need to take the level 1 writing course before joining this course.

Level 3 Advanced English Writing: it targets students who already took level 1 and level 2 writing courses and have already started working on thesis or conference papers.

3. Academic Reading & Grammar Course

Level 1 Academic Reading Course: students will learn to apply effective reading skills and strategies in an academic context. It is a good introductory course for first-year graduate students.

Level 2 The Logic of English Grammar: students will gain more comprehension about the grammar logic in readings and sentence writing using authentic examples.

Any information regarding to the CS customized English program, please contact Mei-Chun (Selina) Liu, selinaliu731@nctu.edu.tw

