Technical and Scientific English Writing

Sharing Your Research with the World

Course #: LANG500003/ LANG500004

Professor: Yun-yin Huang (yyhuang@gapp.nthu.edu.tw)

Class hours: T34N/W34N (3 credits)

Office hours: By appointment @ Room 207, GB II.

Course Description

This course aims to provide EFL graduate students with the essential skills in academic written communications. Specific strategies for composing and revising texts will be introduced to guide students in writing for different academic purposes and audiences. Along with online lectures and class discussions, a variety of individual and collaborative tasks will be incorporated into the class to better prepare the students with hands-on practices and greater metacognitive awareness of writing processes.

Course Objectives

1. To increase students' awareness of academic expectations of styles and formats.

2. To develop _reading_ skills and strategies for scholarly articles, including developing academic vocabulary, recognizing the structure of different sub-genres, and analyzing components of texts to understand how arguments/claims are made and supported, and

3. To develop _writing_ skills for logical development and clarity of thought, including improving grammatical/mechanical control, maintaining flow, and practicing constructive peer editing.

Course Requirements

1. Actively participate in all class activities.

2. Complete and submit all written and non-written tasks on time.

3. Follow RCR guidelines. Students are accountable for the integrity of the work they submit.

4. Use of AI: Conditionally open. Regarding transparency and responsibility, you can choose to use AI for collaboration and mutual learning to enhance the quality of your work. If you do, you must briefly explain how generative AI was used.

5. [Leave request] Prior email explaining the date and the reason for absence should be sent to BOTH me and the TA.

*Required textbook and references

*Swales, John M., & Feak, Christine B. (2012). _Academic Writing for Graduate Students_: Essential Tasks and Skills (3rd Edition). Ann Arbor: U of Michigan Press.

* Deconstructing Research Articles (DRA) MOOC:

https://mooc.nthu.edu.tw/course/info/227

* THE LAB: https://ori.hhs.gov/the-lab

* Path2Integrity: https://www.path2integrity.eu/

Assessment

♥ Attendance/participation-10%   [MOOC] DRA -10%   Analysis report-15%

Quizzes on RA genre knowledge-20%   In-class writing (Abstract) – 15%

Assignments: (1) Data commentary 15%, (2) RA introduction 15%

Tentative weekly schedule

Week	Topic	Instruction and activity
1	[Orientation] Course Overview	RI resources /reading diagnosis, oral quiz on syllabus,
2	[U1] An approach to academic writing	Selected tasks in the textbook, model article selection
3	[U2] General-specific	Selected tasks in the textbook, identification of examples/features in model articles
4	[U3] Problem-solution	Definition sentence, Quiz 1
5	National holiday	[MOOC] DRA: Unit 1-3
6	[U4] Data is king	Selected task in textbook, Data commentary *draft*+ peer editing
7	IMRD structure	Analyze model articles, (1) Data commentary revision due,
8	[U7] Methods/Materials	midterm check point of analysis report (self checklist, Quiz 2
9	[U8] Discussion/conclusion, CARS model /establishing a niche	Moves in Introduction, selected tasks, interpretation/meaning of data Analyzing method sections, pair editing on drafts. (2) RA introduction *draft*
10	[U7&8] IMRD recap, Voice, tense, and other language use in I.M.R.D	Selected task, sharing of model article analysis (peer review) (2) RA introduction *revision* due
11		[MOOC] DRA: Unit 4-6
12	Abstract at glace	Grammar in Context, abstract templates
13	Abstract revisited and review of IMRD	[In-class writing] Abstract, peer review, Quiz 3
14		[MOOC] DRA: Unit 7-9
15	RA in a nutshell	Building a model of your own, DRA final exam *completion, Quiz 4
16	Research Integrity	Analysis report due, THE LAB + Path2Integrity