

一、課程名稱(中)：科學英文寫作(2)
(英)：English Scientific Writing (2)

二、學分數：2學分

三、授課教師：吳秀容

四、課程目標：

1. Requirements of weekly reading journal: (16 weeks): A. summarize the articles you read in one paragraph. B. paraphrase the main idea of the article. C. Every week we will add one main writing skill into your journal-writing besides the points we are going to cover on our syllabus. For Example, serializing, categorizing, comparing, analyzing, and synthesizing. These skills will be taught within the framework of cognitive linguistics. D. Remember to cite the references. E. Attach a copy of the article you read and write about.
2. You will also be asked to find articles from your own field, e.g., medicine, nursing, biology, etc., to analyze the characteristics of the rhetorical structure in scientific articles of your individual fields.
3. We will be using online discussion after class to enhance your comprehension our course content and to get feedback. These will be very effective ways of learning.
4. You will write a formal scientific paper. In the paper, we will report the methods and the results of a real experiment that you design in our class, employing the knowledge and skills of genetic engineering.
5. Attendance and submission of your weekly journal are required.
6. Score will be given based on your attendance, participation in discussion in both oral and written forms, reports, in addition to weekly reading journals.

五、授課進度：

1. Introduction
2. Paraphrasing: summarizing
3. Library project: critical thinking; paraphrasing; summarizing
4. Writing the definitions
5. Writing problem-solutions
6. Writing the Abstracts
7. Writing the Introduction
8. Writing the methods
9. Writing the results
10. Writing the Discussion
11. Analyzing the Verb Constructions
12. Analyzing the Adjectival Constructions
13. Analyzing the Adverbial Constructions
14. Analyzing the Casual Constructions
15. Final Exam.

六、授課方式：課堂講授、口頭與線上分組討論、報告。全程以英文講授與學習。

七、指定閱讀及參考書目：

1. Word Smart Junior: Build a Straight”A” Vocabulary, 1995, by C.L. Brantley. The Princeton Review, Random House, Inc., New York.

2. The Writing Project. Level 4, 1997, by Sharon Rich, The Write Group, U.S.A.

八、成績考核：平時成績 40%；期中考30%；期末考30%