

Subject (Japanese)				Subject (English)		
物質科学英語 I (ライティングスキル)				Materials Science English I (Writing Skills)		
Category	Credit	Course	Lecture/Lab oratory work	Subject No.	Subject Period	Room
General	1	Required	Lecture	311002	May - July	E207,E318

1. Outline

【Lecturers In Charge】

Leigh McDowell, Yukiko Nakayama

【Subject Aims】

Students develop English scientific writing skills, experience, and knowledge.

【Course Guidance】

Students learn about and practice the format, style and mechanics of the scientific research article. Additionally students learn the basics of technical writing in English, including basic grammar.

2. Syllabus Planning

Class	Topic	Contents
1	Course outline Intro to scientific writing	Students examine the aims and requirements of the course, consider the question 'What is scientific writing?', and look at the basic format of a scientific paper
2	Results	Students look at ways to present and describe scientific data in tables and figures
3	Discussion	Students learn the basic mechanics and style of a discussion section, and some techniques for generating and organising ideas, as well as proof reading
4	Introduction References	Students examine the function and format of an introduction section and look at the key points for writing clearly. Students will also learn about proper citation
5	Method	Students look at and practice ways to describe processes and procedures in scientific writing
6	Title Conclusion	Students examine what information to include in a conclusion, and how to create a title
7	Abstract	Students look at the format of an abstract, and prepare for the test by reviewing the course content
8	Test Course project	Students take final test, finalize their course projects, and examine some basic and common mistakes
【Textbooks】 • No text - all materials supplied by teacher.		
【Supplementary Textbooks/Workbooks】 • No text - all materials supplied by teacher.		

3. Others

【Requirements for registration】

For the course project, students write a research article in English based on their own research.

In order to develop practical speaking and listening skills, the course includes group or pair discussion in English.

【Office Hour】

Leigh McDowell, E206, 9:00–17:30 Mon–Fri

Yukiko Nakayama, E206, 9:00–12:30 Thursday

【Method Of Evaluation】

Review prints (30%) + Final test (30%) + Course project (40%)

【Related Subjects】

None.

【Important Notes】

All master course students are required to take the TOEIC-IP test twice in the first academic year.