

Syllabus of Writing for Science Journals (60 hours,3 credits)

Instructor (Instruction may be in English,depending on discussion with students)

Description

This course is designed for PhD Students of non -English major who are preparing to engage in scientific research in a variety of academic disciplines. For the students, the ability to write up the results of their own research in the form of technical reports, theses, dissertations, and particularly of journal manuscripts for publication is a key to their success as university students and as professionals in their own disciplines. Our purpose is to show students how to link their research activities with written reports that conform to the expectations of the English-speaking scientific/academic community, and to help students acquire skills in writing the English of experimental research reports in a good setting.

Prerequisites

It is assumed that students will take courses in research methods and statistical analysis as part of their advanced studies or that they may already have their background.

Grades

The final grade will be based on the students' performance on the final exam, the courses and the assignments. Remarkable effort and improvement will not go unnoticed.

Website

The address of this course' s website is: englishdhf.blog.163.com

Staff

To contact the staff, email:dhffhd@mail.com

Lectures

The schedule of lectures, subject to change, is as follows.

PART I : The Process of Writing up Research (48 HOURS)

Chapter1: GENERAL REMARKS (4 Hours)

Chapter2: EXPERIMENTAL RESEARCH REPORT(2 Hours)

OVERVIEW

INFORMATION CONVENTIONS

The Experimental Research Report-An Example

Formulating a Research Quotation

Formulating a Hypothesis

INTEGRATION

EXERCISES

Chapter3: INSTRUCTION 1 : ESTABLISHING A CONTEXT (4 Hours)

OVERVIEW

INFORMATION CONVENTIONS

The Five Stages

Inventing the Settings

LANGUAGE CONVENTIONS

General and Specific Noun Phrases

Generic Noun Phrases

Specific Noun Phrase

Guidelines for Making Generic and Specific Noun Phrases

Expressing Old Information

INTEGRATION

EXERCISES

Chapter4: INSTRUCTION 2 : REVIEWING PREVIOUS RESEARCH (2 Hours)

OVERVIEW

INFORMATION CONVENTIONS

Citation Focus

Order of Citations

LANGUAGE CONVENTIONS

Citation Focus and Verb Tense

Tense in Information Prominent Citations

Tense in Weak Author Prominent Citation

General Statements about the Research

Tense in Author Prominent Citations
Attitude and Tense in Reported Findings

INTEGRATION

EXERCISES

Chapter5: INSTRUCTION 3 : ADVANCING TO PRESENT RESEARCH(2 Hours)

OVERVIEW

INFORMATION CONVENTIONS

Ordering your Information

LANGUAGE CONVENTIONS

Signal Words and Verb Tenses in Writing Stages

INTEGRATION

EXERCISES

Chapter6: METHOD (6 Hours)

OVERVIEW

INFORMATION CONVENTIONS

Ordering your Information

Writing the procedural Description

LANGUAGE CONVENTIONS

Choosing Verb Tense and Voice in Procedural Description

Choosing the Correct Verb Tense in Procedural Descriptions

Choosing the Appropriate Verb Voice—Active or Passive

Using short Passive Forms to Describe Procedure

INTEGRATION

EXERCISES

Chapter7: MATERIAL(6 Hours)

OVERVIEW

INFORMATION CONVENTIONS

Ordering your Information

Ordering the Description of Principal Parts

Integrating Materials with Procedure

LANGUAGE CONVENTIONS

Choosing Verb Tense and Voice in Describing Material

Choosing Verb Tenses— Samples and Populations

Using Active and Passive Voice in Describing Materials

INTEGRATION

EXERCISES

Chapter8: RESULTS (8 Hours)

OVERVIEW

INFORMATION CONVENTIONS

Ordering your Information

Commenting on Results—Two Patterns

LANGUAGE CONVENTIONS

Choosing Verb Tenses for Results

INTEGRATION

EXERCISES

Chapter9: DISCUSSION (8 Hours)

OVERVIEW

INFORMATION CONVENTIONS

Ordering your Information

Researcher's Position towards the Findings

LANGUAGE CONVENTIONS

Complex Structure in Discussion Statements

Verb Tenses Used in Discussion Statements

Expressions Indicating the Researcher's Position

INTEGRATION

EXERCISES

Chapter10: ABSTRACT (4 Hours)

OVERVIEW

INFORMATION CONVENTIONS

Ordering your Information

Reducing the Abstract

LANGUAGE CONVENTIONS

Verb Tenses in the Abstract

INTEGRATION

EXERCISES

Chapter11: ACKNOWLEDGEMENTS AND REFERENCES (2 Hours)

PART II ANALYSIS OF THREE EXAMPLES OF RESEARCH REPORT

(12 HOURS)

Exams

This course will have a closed-book final exam. Students need to write up one research report in their own disciplines.

Text

The textbook: *Writing Up Research –Experimental Research Report Writing for Students of English* is required for this course.

References

Jordan, R. R. (1990). *Academic Writing Course*. Hong Kong: Thomas Nelson

Swales, J.M. & Feak, C.B.(1994) *Academic Writing for Graduate Students: Essential Tasks and Skills*. University of Michigan press

Huth,E.J.(1994) *Scientific Style and Format:TheCBE Manual for Authors,Editors and Publishers*. Cambridge: Cambridge University Press