	UNIVERSITAS PEMBANGUNAN NASIONAL "VETERAN" YOGYAKARTA **FACULTY OF SOCIAL AND POLITICAL SCIENCE** **BACHELOR PROGRAM OF COMMUNICATION SCIENCE**	**DOCUMENT CODE** CUD/COMMUNICATION SCIENCE /S1/1530283/2023

COURSE UNIT DESCRIPTION (CUD)

COURSE UNIT (CU) & CODE: **Scientific Writing (1530283)**	**COURSE UNIT CLUSTER (CUC):** Communication Science	**ECTS CREDITS ALLOCATED:** T = 3.2 P = -	**SEMESTER:** 1st
LANGUAGE OF INSTRUCTION: Bahasa Indonesia	**COURSE UNIT TYPE:** Compulsory	**DATE CREATED:** 10/01/2022	**Level of course unit (according to EQF):** Level 6 First Cycle Bachelor

AUTHORIZED	**LECTURER OF CUD CREATOR:** Kartika Ayu Ardhanariswari, M.Ds.	**CUC COORDINATOR:** Kartika Ayu Ardhanariswari, M.Ds.	**COORDINATOR STUDY PROGRAM:** Arif Wibawa

Learning Outcome (LO)	**Program Learning Outcome in Course Unit (PLO-CU)**	
	A1	Demonstrating a devout attitude towards God, discipline, creativity, entrepreneurial spirit, resilience, honesty, excellence, and patriotism in carrying out one's work in their area of expertise.
	K2	Students are able to explain the field, nature, structure, and methods of communication as the basis for carrying out tasks at the practical level of communication.
	GS1	Able to create creative and ethical works in an effort to develop innovation in the field of Communication.

	SS2	Able to analyze messages using communication concepts and theories for problem-solving in communication.

Course Description

Scientific Writing is a comprehensive course designed to develop the essential skills required for effective communication in the field of communication science. This course focuses on the principles and techniques of writing scientific papers, including research articles, literature reviews, and abstracts. Students will learn how to critically analyze research, organize their ideas, and communicate their findings clearly and concisely. Through practical exercises and assignments, students will enhance their writing skills and develop a strong foundation in scholarly writing.

Learning Objectives

By the end of this course, students will be able to:

1. Understand the principles and conventions of scientific writing in the field of communication science.
2. Analyze scientific research critically and evaluate its relevance and reliability.
3. Develop effective research questions and hypotheses.
4. Conduct a comprehensive literature review and synthesize existing research.
5. Organize and structure research papers, including abstracts, introductions, methods, results, and discussions.
6. Write clear and concise sentences and paragraphs using appropriate academic language.
7. Use proper citation and referencing techniques, adhering to the APA style guidelines.
8. Edit and revise their writing to improve clarity, coherence, and overall quality.
9. Collaborate effectively in peer review and provide constructive feedback to improve others' writing.
10. Understand ethical considerations in scientific writing, including plagiarism and authorship.

Course Schedule

Week	Topics	Readings
1	Students can explain Introduction to Scientific Writing	APA Manual - Chapters 1, 2, 3
2	Students can explain Research Questions and Hypotheses	Day & Gastel - Chapters 2, 3

Week	Topics	Readings
3	Students can explain Critical Analysis of Scientific Research	Booth et al. - Chapters 3, 4
4	Students can explain Literature Review: Searching and Evaluating	Day & Gastel - Chapters 4, 5
5	Students can explain Literature Review: Synthesizing and Organizing	Booth et al. - Chapters 5, 6
6	Students can explain Abstract Writing and Summarizing Research	APA Manual - Chapter 12
7	Students can explain Introduction and Methods Sections	Booth et al. - Chapters 7, 8
8	**MID TEST**	
9	Students can explain Citation and Referencing Techniques	APA Manual - Chapter 8
10	Students can explain Editing and Revising	APA Manual - Chapters 4, 6
11	Students can explain Ethical Considerations in Scientific Writing	APA Manual - Chapter 1; Additional Readings
12	Students can explain Peer Review and Providing Feedback	Additional Readings
13	Students can explain Final Research Paper - Draft Submission	-
14	Final Research Paper - Peer Review	-
15	Final Research Paper - Revisions	-
16	**FINAL TEST**	

Policies

1. Attendance: Regular attendance is expected. If you miss a class, it is your responsibility to catch up on the missed material and assignments.
2. Late Submissions: Late submissions will be penalized by 10% per day unless an extension is granted by the instructor in advance.
3. Academic Integrity: Plagiarism and other forms of academic dishonesty will not be tolerated. All work submitted must be your own, with proper citations and references. Violations will result in severe penalties, including but not limited to failing the course.

4. Accommodations: If you require any accommodations due to a disability or special circumstances, please contact the instructor as soon as possible to make appropriate arrangements.
5. Technology: Students are expected to have access to a computer and the internet for research, writing, and submitting assignments.

References:

Required Readings

1. American Psychological Association. (2020). Publication manual of the American Psychological Association (7th ed.). American Psychological Association.
2. Day, R. A., & Gastel, B. (2012). How to write and publish a scientific paper (7th ed.). Cambridge University Press.
3. Booth, W. C., Colomb, G. G., Williams, J. M., Bizup, J., & Fitzgerald, W. T. (2016). The craft of research (4th ed.). University of Chicago Press.
4. Additional readings will be assigned throughout the course and will be available on the course website.

Recommended Readings

1. Gopen, G. D., & Swan, J. A. (1990). The science of scientific writing. American Scientist, 78(6), 550-558.

Course Requirements and Grading

Assignments

1. Literature Review (20%): Students will conduct a literature review on a topic of their choice and write a research paper summarizing the existing research in the field. The paper should include an introduction, literature review, methods, results, discussion, and references.
2. Abstract Writing Exercise (10%): Students will practice writing abstracts for different research papers. They will analyze the main components of abstracts and develop the skills to summarize research findings effectively.
3. Research Article Critique (15%): Students will critically analyze a research article from a communication science journal. They will evaluate the research methodology, findings, and implications, and provide a written critique.
4. Peer Review (10%): Students will participate in peer review sessions, providing constructive feedback on their classmates' papers. They will evaluate the clarity, coherence, and overall quality of the writing.
5. Final Research Paper (35%): Students will develop a research paper on a topic of their choice, following the structure and guidelines discussed in class. The paper should demonstrate their understanding of scientific writing principles and techniques.
6. Class Participation (10%): Students are expected to actively participate in class discussions, ask questions, and contribute to the learning environment.

Assessments

1. Midterm Exam (15%): The midterm exam will assess students' understanding of scientific writing principles and their ability to apply them to different writing scenarios.
2. Final Exam (20%): The final exam will cover the entire course content, including scientific writing principles, research methodology, and citation and referencing techniques.