

Analysis of the Influence Of Scientific Writing Course on English Writing Ability

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ABSTRACT

This study aims to determine how much influence the scientific writing course has on the ability to write English sentences in semester 6 students of the English Language Education Study Program, University of Muhammadiyah Bengkulu. Where as we know that writing activities in their function as productive skills are still considered difficult by students. Things like this are usually caused by several factors such as limited knowledge of vocabulary and a lack of understanding of English grammar. These factors are the main cause of the difficulty for students to develop ideas and write English sentences properly and correctly. Therefore, one of the methods used to overcome this problem is to practice writing a lot, one of which is in scientific writing courses.

Keywords: scientific writing, writing skill

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INTRODUCTION

Learning a language, especially English, requires a Macro skill or commonly known as the four language skills to support communication, these skills include listening, speaking, reading and writing. Therefore, the ability to write skills is one of the skills that must be mastered by students, in particular for Semester 6 students of the English Language Education Study Program at the University of Muhammadiyah Bengkulu. On the other hand, writing English skills is also a must, where writing English is one of the communication tools in the learning process. In addition, writing skills are also needed when entering the world of work, as well as in facing written exams, such as the TOEFL and IELTS tests. Therefore, from the beginning, students must be equipped and master the skills of writing English. There are several ways you can do to improve writing skills, one of which is by practicing writing essays. There are several stages in the writing process, including planning, drafting, revising and editing (Hartono et al., 2018).

Having good English proficiency is a skill that is needed today. The ability to speak English provides many benefits for life today. The reason why English proficiency is needed in the current era is that learning English can make it easier to find a job, make it easier to

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interact socially, improve and make it easier to seek knowledge or add to reading material outside the scope of education so as to open up insight into science and technology, and there are many other benefits. To support good and competent English skills, students must focus on productive and receptive skills. Where productive skills are in the form of English writing skills and speaking skills, while English listening skills and reading skills are receptive skills. All of these skills are basically very important in terms of communication. And these four aspects are a unit that mutually support each other (Housseine & Oifaa, 2020).

Writing is an activity of channeling ideas, thoughts, and feelings into written language which can later become a means of communication. 3) writing is a description of the language used to communicate indirectly, there is no face to face meeting with the interlocutor. Writing is an activity of channeling ideas, thoughts, and feelings into written language which can later become a means of communication. 3) writing is a description of the language used to communicate indirectly, there is no face to face meeting with the interlocutor. Writing is an activity of channeling ideas, thoughts, and feelings into written language which can later become a means of communication (AlMarwani, 2020).

As a form of communication media, writing indirectly provides space for interaction between communicators and communicants. According to Browker (2007) that writing is a skill that is needed in many contexts in life. For example, students need to write emails to their friends and lecturers, both local and abroad, or write articles for student homework. In educational institutions, writing is a path taken by students with the aim of one of them being to obtain graduation. Writing is also the most widely used skill in evaluating student performance at almost every level of education (Afrin, 2016). Writing also acts as a means of communication, namely indirect communication (Hasnalia & Rifli, 2023).

As stated by (Sari et al., 2021) that the purpose of writing a summary is to make a summary to develop expressions and increase vocabulary. Because when we often write essays, indirectly the vocabulary we write will be recorded and stored in our brain memory. Especially in learning English, the more vocabulary we know, the greater our chances of being able to write sentences. This study was intended to determine the English sentence writing skills of semester 6 students of the English study program at the University of Muhammadiyah Bengkulu through analysis in scientific writing courses. In scientific writing courses, as we all know, they are courses that support our ability to write essays or scientific papers in English.

METHOD

The method used in this research is using descriptive qualitative method. Where the qualitative method is a research method used in researching a natural object, which means an object that is what it is whose circumstances and conditions cannot be manipulated. And the descriptive method is a method used to describe problems that occurred, both those that occurred in the past, as well as events that are taking place in the present. Descriptive method is a method used in researching the status of human groups, objects, conditions, systems of thought, as well as various events that occur in the present. The purpose of this research is to make a systematic, factual and accurate description of the object under study.

According to (Megawati & Astutik, 2019) descriptive research is research that is intended to investigate a condition, situation, or other event, then the results will be presented in the form of a research report. On the other hand, (Sataloff et al., n.d.). Argued that the descriptive method is a method used in the process of finding facts with the right interpretation. This research refers to problems in society, as well as certain situations and conditions, including relationships, activities, attitudes, views, and the ongoing process of an incident. The perspective that is reached in descriptive research is the present time, or at least within a period of time that is still within the reach of the respondent's memory. The method used in this research is descriptive method. This method was chosen because the method is in accordance with the research objectives, namely, analysis of the influence of scientific writing

courses in improving the ability to write English sentences in semester 6 students of English Language Education Study Program, University of Muhammadiyah Bengkulu.

The description of the descriptive method according to (Marleni et al., 2018) is descriptive research is research that is used to describe and answer questions about a phenomenon or event that is happening at the moment, both about phenomena in a single variable or correlation and or comparison of various variables, meaning that the variable under study can be single, a variable can also be more than one variable. Descriptive research seeks to describe an event or event that is the center of attention without giving special treatment to the event. The reason the author chose this method is because this method is very helpful in obtaining real data that occurred in the field when conducting research so that after obtaining the data, the data can be directly analyzed and examined by the author. Apart from that, descriptive research was also used in this study because it was considered very appropriate so that the writer could describe various sources of data and information, both from various expert opinions and based on observations from interviews which could be used as a data reference that could assist in this study.

FINDINGS AND DISCUSSION

In terms of the skills of students in semester 6 of the English study program at the Muhammadiyah University of Bengkulu, both before and after taking the scientific writing course, the differences shown when they wrote English sentences underwent a change, although not completely. Students of the English study program at the Muhammadiyah University of Bengkulu in their 6th semester took this course for approximately 12 meetings. At the 5th meeting they had shown a change in writing English sentences, they revealed that when they often practiced writing essays or scientific papers in English. They can get new vocabulary and can practice their grammar skills. The results of research on the process and improvement of English sentence writing skills in the grammar and spelling aspects that have been carried out by researchers show that the learning process through scientific writing courses can have an effect on student skills. The average presentation of student activity in the first cycle was 60% and the presentation of student activity in the second cycle became 80% which showed an increase of around 20%.

There is a lot of new experience and knowledge that students get in this scientific writing course, it is proven that when they practice a lot through the assignments given in this course, it shows that their spelling ability increases because they often use new vocabulary. The essay assignments given can also improve their grammar skills. In one semester they are given essay assignments at each meeting so that their writing experience will also increase.

In descriptive research it is not only limited to collecting data or information from various sources, but the data obtained can also be analyzed so that the discussion of problems and data analysis will be easy to understand. This research involved 6th semester students at Muhammadiyah University Bengkulu, Department of English Education, Class of 2020 who had taken the compulsory Scientific Writing course during semester 6, where the number of students majoring in English in semester 6 was 21 people.

This course has a load of 3 credits. Literally, the descriptive method is a research method to make a picture of a situation or event, so that this method intends to carry out periodic basic data accumulation. In collecting data, interview techniques were used, using a questionnaire schedule or an interview guide (an interview guide that can help the writer know what to ask and the order of the questions). Judging from the problems investigated, the techniques and tools used in the research as well as the place and time, this research uses a case study descriptive research method.

Case studies, or case research, (case study), is research on the status of research subjects with respect to a specific or typical phase of the whole personality (Jasrial, 2017). Research subjects can be individuals, groups, institutions, or society.

According to (Supriyanto, 2020), a case study is a detailed examination of a setting or an object or a place where documents are stored or a particular event. (Kennedy et al., 2023), states limiting the approach by focusing attention on a case intensively and in detail. Susilo Raharjo and Gudnanto (2011: 250), case study is a method for understanding individuals which is carried out in an integrative and comprehensive manner in order to obtain a deep understanding of the individual with the aim that the problem can be resolved and obtain good development. The purpose of the case study is to provide a detailed description of the background, characteristics and characteristics that are typical of the case, or the status of the individual, which then from the characteristics above will be made general

CONCLUSIONS

The results of the data analysis conclude that in this scientific writing course, at least it has an effect on the 6th semester students of the English education study program in improving their ability to write English sentences. Even though the resulting change in ability is not that significant, this course is actually very helpful for students in improving their writing skills.

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