

**NEEDS ANALYSIS ON ESP LEARNING FOR THE DENTAL  
HEALTH STUDENTS OF THE HEALTH POLYTECHNIC,  
MINISTRY OF HEALTH IN PALEMBANG**

**A THESIS**

**BY**

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**FACULTY OF TEACHER TRAINING AND EDUCATION**

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**INDRALAYA**

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## DECLARATION

I, the undersigned,

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Certify that the thesis entitled “Needs Analysis on ESP Learning for the Dental Health Students of the Health Polytechnic, Ministry of Health in Palembang” is my own work and I did not do any plagiarism and inappropriate quotation against the ethic and rules commended by Ministry of Education of Republic of Indonesia Number 17, 2010 regarding plagiarism in the higher education. Therefore, I deserve to face court if I found to have plagiarized this work.

Indralaya, January 2023

The undersigned



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## **DEDICATION**

This thesis is dedicated to my beloved family; my father Bambang Herawan S.E., my mother Arniati, my two big brothers Akbar Panggar Bessy and Abdul Hadi Panggar Bessy S.E., and my little sister Zakira Hanifah Zahra.

Thank you so much for all the prayers, supports, guidance, and love that you have given to me until now.

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## **MOTTO**

*“Don’t waste your energy to make people believe in you, the one who knows you will never doubt you.”*

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Indralaya, January 2023

The Author



Abdurrahman Ismail

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**ABSTRACT**

The needs analysis was conducted to find out the learning and institutional needs on ESP. This study aimed 1. To find out the learning needs of the Dental Health Students of the Health Polytechnic, Ministry of Health in Palembang in learning English for Specific Purposes. 2. To measure the extent to which dental health students are able to understand reading materials at the HOTS level. 3. To identify the implementation of the institutional needs and students' needs of the Dental Health Students of the Health Polytechnic, Ministry of Health in Palembang. The participants of this study are 76 Dental Health students, 1 English lecturer, and the Head of the Dental Health Department of Health Polytechnic, Ministry of Health in Palembang. The data were collected from the Questionnaire for students, Test for students, Interview for the English Lecturer and Head of Department, the English Course lesson plan, and the Guide Book. The results of the study revealed that the students learning needs and the institutional needs was providing more materials connected to the dental health.

**Keywords:** *Needs Analysis, English for Specific Purposes, Dental Health Student*

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## **CHAPTER I**

### **INTRODUCTION**

This chapter introduces the background of the study, the problems of the study, the objectives of the study, and the significance of the study.

#### **1.1 Background of the Study**

English is an international language where most people in many countries around the world use English either the language after their mother language or the first language. English is the most widely spoken language in the world; there are more than 1.5 billion people who use English in their daily lives either as a native or as a second language (Statista Department, 2022). English has become so important in all fields including education sector. Students need to be able to understand and master the English to achieve certain goals and complete their education.

In Indonesia, English has a status as a foreign language (EFL), where the division of the English may be learned as General English (GE) and English for specific purposes (ESP). Hutchinson and Waters (1987) state that there is no difference between the two in theory; however, there is a great deal of difference in practice. ESP, like any other language teaching activity, stands on facts about language nature, learning, and teaching; it is, however, often contrasted with General English. English learning that is applied in Indonesia is general English which only tells about the basics of skills in English, while ESP explains the basics and also applies direct practice in the use of existing skills.

At the university level, the English language learning used is already using ESP but in its application it is still found that some existing campuses still apply general English. Specific materials as influenced by Hutchinson and Waters (1987; as cited in Oktarina et al., 2022) were proposed as specialist areas for professional students in workplaces. One such campus, The Health Polytechnic, Ministry of Health in Palembang is famous for the health sector and on average

graduates from this campus will get it easier to get work in the major they took when they were in college. More and more health workers are needed to be sent abroad, causing the need to increase learning in English so that the skills learned can be applied properly.

Several different methods can be used to find out the student's needs in learning English in order to get goals in accordance to what researchers want to find such as finding the student's needs analysis in accordance to their needs and abilities. By giving questionnaires to the students the researchers will know whether the ESP learning given were in accordance to the student's needs and abilities. Several studies as (Sari & Fatimah, 2020; Nurhidayat et al., 2021; Suramto et al., 2021) used the questionnaires in their studies and got the results that English learning materials focusing on health department have not been appropriate with the students' need.

From several studies about needs analysis, the researcher has only found a few results regarding the needs analysis on students in the Health Department. The research by Syakur et al., (2020) aims to help the development of the material that will be given to students to suit the needs required of students. Moreover, (Aniqoh, 2018; Ibrahim, 2020; Arroyyani et al., 2022) conducted what needs do students' needs in learning English, especially English for Specific Purposes, students' ability in English and what materials are available to support learning English. The gap that were created from all the studies that were showed before was the availability of English learning materials provided is not all in accordance with ESP learning standards, and only a few campuses have provided ESP learning. From this it can be seen that there is a discrepancy in the material given to students. Nevertheless, the researcher of this study tried to find out more about what students need in learning English and find out about the availability of learning materials provided using ESP standards by conducting interviews with several English lecturers and conducting a little document review.



Needs Analysis on ESP Learning for the Dental Health students are necessary to know since students have a greater opportunity to go abroad as health workers. At least they must be able to master several skills in English and are expected to be able to communicate well in English. However, whether the English learning provided in Dental Health Department in Health Polytechnic, Ministry of Health in Palembang in accordance with ESP learning or no, so to find out that, the author conducted a research entitled **“NEEDS ANALYSIS ON ESP LEARNING FOR THE DENTAL HEALTH STUDENTS OF THE HEALTH POLYTECHNIC, MINISTRY OF HEALTH IN PALEMBANG”**

## **1.2 The Problems of the Study**

Based on the background of the study, the problems of the study are formulated into the following questions:

1. What were the learning needs of the Dental Health Students of the Health Polytechnic, Ministry of Health in Palembang?
2. How was the ability of the dental health students in understanding reading materials at the HOTS level?
3. What were the institutional needs of the Dental Health Students and how was the implementation of the institutional needs and students' needs of the Dental Health Students of the Health Polytechnic, Ministry of Health in Palembang?

## **1.3 The Objectives of the Study**

Referring to the problems above, the objectives of this study are:

1. To find out the learning needs of the Dental Health Students of the Health Polytechnic, Ministry of Health in Palembang in learning English for Specific Purposes.

2. To measure the extent to which dental health students are able to understand reading materials at the HOTS level.
3. To identify the implementation of the institutional needs and students' needs of the Dental Health Students of the Health Polytechnic, Ministry of Health in Palembang.

#### **1.4 The Significance of the Study**

This study is expected to give some benefits to the students, lecturers, and future researchers:

First, it is intended as a reference material that an investigation has been carried out regarding the learning needs that were needed by the students. This can be reference for anyone who wants to know what students need in learning English for Specific Purposes.

It is also useful for students because from this study their needs which they have not been able to convey directly can be known by their lecturers, and later the lecturers could provide the things needed in learning English for Specific Purposes.

Then, from this study lecturers are expected to be able to understand what students need in learning English Specific Purposes and lecturers are also expected to be able to provide what students need to make it easier for them to understand learning in English for Specific Purposes.

## REFERENCES

- Aniqoh. (2018). *Need Analysis of Esp Materials for the Medical Laboratory Technology Students in the Health Polytechnics Semarang*. [http://eprints.ums.ac.id/22572/14/NASKAH\\_PUBLIKASI\\_FINAL.pdf](http://eprints.ums.ac.id/22572/14/NASKAH_PUBLIKASI_FINAL.pdf)
- Arroyyani, R., Nur Widiyati, D., & Maryani. (2022). *a Need Analysis of Esp for Public Health Students*. January.
- Betti, M. J. (2020). *An Introduction to Drama View project The Effectiveness of Zoom Assisted Teaching and Learning for ESL learners at Undergraduate Level View project*. <https://www.google.iq/search?q=needs+analysis&e>
- CDC. (2018). *Evaluation Briefs No 18*. 18. <http://www.cdc.gov/>
- Flick, U. (2017). *The SAGE Handbook of Qualitative Data Collection*.
- Hutchinson, T., & Waters, A. (1987). *English for Specific Purposes*. Cambridge University Press. <https://doi.org/10.1017/CBO9780511733031>
- Ibrahim, H. H. (2020). Needs Analysis as a Prerequisite for Designing an ESP Course for Medical Students. *Open Journal of Modern Linguistics*, 10(02), 83–103. <https://doi.org/10.4236/ojml.2020.102006>
- Inderawati, R., Petrus, I., Eryansyah, E., & ... 2021. (2021). Needs Analysis of Vocational High School Textbook To Local Culture Materials and the 21St Century Competencies. ... *Review: Journal of ...*, 9(2), 19–26. <https://www.journal.uniku.ac.id/index.php/ERJEE/article/view/4349>
- Larasati, F., Adawiyah, D., Yuliani, S., & Septarini, D. (2022). LEARNERS' NEED ANALYSIS OF ENGLISH LEARNING MATERIALS FOR ECONOMICS AND BUSINESS STUDENTS OF UNIVERSITAS MUHAMMADIYAH PALEMBANG. *English Community Journal*, 6, 61–66. <https://doi.org/https://doi.org/10.32502/ecj.v6i1.4455>.
- Monika, M., & Inderawati, R. (2022). *The Needs of English Culinary Booklet to Support Domestic and Foreign Promotion at the South Sumatra Culture and Tourism Office*. 6(2), 448–461.
- Nurhidayat, N., Fatmawati, A., & Kesehatan Muhammadiyah Makassar, P. (2021). *Need Analysis for English Special Purpose in Medical Laboratory Technology Students Corresponding Email Article's History Need Analysis for English Special Purpose in Medical Laboratory Technology Students*. 8(2), 2021–2391. <https://doi.org/10.30605/25409190.232>

- Oktarina, Y., Inderawati, R., & Petrus, I. (2022). Needs analysis of Palembang-tourist-destination recount text reading materials in the 21st century learning. ... : *Journal of English Education*, 10(2), 381–392. <https://journal.uniku.ac.id/index.php/ERJEE/article/view/6239>
- Rinawati, R., Trisnadi, S., & Murwantono, D. (2022). Needs Analysis of English for Medical Purposes: A Student Perspective. *Language Circle: Journal of Language and Literature*, 16(2), 348–356. <https://doi.org/10.15294/lc.v16i2.35445>
- Sari, R. N., & Fatimah, S. (2020). An Evaluation of English Materials Based on the Needs of Health Promotion Department Students at Health Polytechnic of Padang. *Sumatra Journal of Disaster, Geography and ...*, 4(1), 152–158. <https://www.neliti.com/publications/325255/an-evaluation-of-english-materials-based-on-the-needs-of-health-promotion-depart>
- Statista Department, R. (2022). *The most spoken languages worldwide 2022*. Aug 05. <https://www.statista.com/statistics/266808/the-most-spoken-languages-worldwide/>
- Suramto, S.-, Susmini, S., & Episiasi, E. (2021). Nursing Students' Perception To the Necessity of English for Specific Purposes (Esp) Course. *Jurnal Perspektif Pendidikan*, 15(1), 13–22. <https://doi.org/10.31540/jpp.v15i1.1259>
- Syakur, A., Zainuddin, H. ., & Hasan, M. A. (2020). Needs Analysis English For Specific Purposes (ESP) For Vocational Pharmacy Students. *Budapest International Research and Critics in Linguistics and Education (BirLE) Journal*, 3(2), 724–733. <https://doi.org/10.33258/birle.v3i2.901>
- Ulfah, B., Petrus, I., & Mirizon, S. (2021). ESP Needs-Based Course Design for the Employees of Government Protocol Department. *English Language in Focus (ELIF)*, 3(2), 143–158. <https://doi.org/10.24853/elif.3.2.143-158>