

CHAPTER I

INTRODUCTION

This research is going to study Integrated English Instructional syllabus and material for 11th grade students of Industrial Electronic Engineering at second semester. This chapter introduces and describes the nature and content of the proposed study. It presents in 5 sections: research background, objective of the study, significance of the study, scope and limitation, and definition of terms.

1.1 Background of the Study

English as an international language has been long to the subject to be learned in Indonesia. In the globalization era, English as an important thing for communication along with the popularity of science and technology. Indonesia has a good competence in many aspects. Indonesian people not just rely on physical ability and natural resources to achieve the prosperity of the nation, but also rely on professional human resources. Not only has a good communication, they must also have good language skills in oral and written English. According to Durand (2006), English mastery is important because almost all of the global information source used this language in many aspects.

In education, English has a big hand because almost all of the books are written in English. As a global language, English is holding functions and a very big role. In Indonesia has been used curriculum 2013 (K13) since 2013-2014. The government is applying a curriculum K13 where the students demanded to be active, creative, and innovative to solve the problems. Richard (1986) on Nunan (1988) explain that curriculum is the manual which includes all of the lesson

material in one situation. Curriculum is learning reference and training education and or exercise. Curriculum contains the content and material. The subject matter is seen as parent or educational people experience which is has been arranged systematically and logically, it means that based on a specific order and can be understood (Hamalik, 2008).

In Indonesia, English is as the foreign language which is regarded as an important thing for communicating with the others especially with other nations. So generally, English is expected to assume an international role in Indonesia. English in the secondary school is a compulsory subject which serves as a means of students' self-development in science, technology, art, and culture. By mastering English, secondary school students are expected to grow and develop into citizens who are skillful, and ready to participate in national development programs.

Supriyono (2013) stated that English subject in vocational school is an adaptive subject, which is supposed to equip students with the English communication skill in communication material context that is needed for their skill program both oral and written. It is different with the Senior High School, the purpose in learning English is more expected on the informational level achievement because there are ready to continue their study to the University.

Vocational schools are much demanded by students since it is their place to obtain a more focused education for their future careers. So even with the English education gained in vocational schools, namely English and more focused specifically for those who are ready to work when they graduated from the school later. English in a vocational school that now exist, involved around English for

Business, where students learn how to speak, write and read English language materials in the context of business.

Vocational school has many major. One of the major is industrial electronic engineering. Industrial electronic engineering is a technic major which is a study about electricity components many kinds of semiconductor. Electronic engineering is included in electrical engineering or electro which uses micro electric current. There are some materials that will be learned in industrial electronic engineering, from general electronic (the component used with the function, how to design Pcb layout and how to print Pcb), microcontroller and microprocessor, pneumatic and also PLC, computer programming, to signal the processing.

English in vocational school is different with senior high school, so the syllabus is also different. The syllabus is part of curriculum that explains Standard Competence and Basic Competence into the learning material, learning activities, and competence achievement indicator for the result study scoring. Syllabus in vocational school is often less specific with the material though, so it is needed to make a reparation on the syllabus to be appropriate with the material. Based on those problems, the researcher conducts a study to develop English syllabus for vocational school.

The researcher chooses SMK Muhammadiyah 1 Gresik. The problem is English material that used in SMK Muhammadiyah 1 Gresik uses general English as used in senior high school. So, it is not classified in English material which used in vocational school and senior high school. This research, the researcher makes the new syllabus and material which specific to vocational school students

in Industrial Electronic Engineering because vocational school students are prepared to have a skill and ready to work. Moreover, most of curriculum in a vocational school with the various course is same although there are some departments in each school. The researcher chooses SMK Muhammadiyah 1 Gresik because this school is one of the best vocational school in Gresik and most of the graduate of this school have a job in Gresik businesses. This kind of study has an important role in the academic system because it will be the new plan integrated English instructional that suitable for vocational school major, especially in Industrial Electronic Engineering. The researcher chooses 11th grade students in this major because in this class the students have done many practices that related to Electronic Engineering and also this major is using English terminology technically.

This research has an important role to know the syllabus model which will be made by the researcher to be appropriate with English material for 11th grade students of Industrial Electronic Engineering. This study will take some interviews with the English teacher in this major, the major teacher, and Industrial Electronic Engineering student of SMK Muhammadiyah 1 Gresik. This research also supported by some references, articles, journals, and the other sources from internet. This study the researcher uses Content Based Instruction (CBI) approach. Richard and Rodgers (2001) at Rahmawati (2018) explained that CBI is based on the principle that people learn a second language more successfully when they use the language as a mean of gaining information. The researcher adopted Noviana's study (2016) which used ADDIE model that related with CBI approach in her study. The original steps of ADDIE model are; analyze, design, develop,

implementation, and evaluation. After being changed the steps were; analyze, design, development, expert validation, implementation, evaluation, and final product. Based on the background explanation above, the researcher will conduct the study entitled “Developing English Material Using Content Based Instruction (CBI) Approach for Industrial Electronic Engineering at SMK Muhammadiyah 1 Gresik”.

1.2 Objective of the Study

The objective of this study is to develop English material for Industrial Electronic Engineering students of vocational school at SMK Muhammadiyah 1 Gresik.

1.3 Significance of the Study

This study is hoped to be meaningful in practical significances. Those are:

1.3.1 Theoretical Significance

The result of this study is hoped to contribute the theory of an effective syllabus and material for Industrial Electronic Engineering.

1.3.2 Practical Significance

There are two practical significances of this study. The first significance is for the teachers, it will challenge them to improve the materials using their own creativity by using the syllabus. The second significance is for the students, it will help them to improve their English through the activity on their skills that they are concerned with.

1.4 Scope and Limitation

Developing all kind of appropriate learning materials for all study programs in SMK Muhammadiyah 1 Gresik would be very time consuming program. This study attempts to develop a model of appropriate English syllabus and material for Industrial Electronic Engineering major. This research focuses on the second semester, so the researcher uses 11 grade. The material which is used in this study based on curriculum, English handbook, and also students' need.

The limitation of the study is the students at the 11 grade of SMK Muhammadiyah 1 Gresik. The researcher chooses this class which consist of 12 males and 5 females with the quantity total is 17 students.

1.5 Definition of Key Terms

1. English Material Development is the development of English material to be more specific in the students need. In English material development need the process to find what material is appropriate with students' need.
2. CBI approach is the approach which focused on learning content and four skills in English language and it can be applied in language learning for second and foreign language.
3. Industrial Electronic Engineering is one of the study programs in vocational school in which most content of the material is about the matters related to industrial electronic which uses little stream.

