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Department

THE EEFFECTIVENESS OF AN EST PROPOSED PROGRAMME FOR ENGINEERING STUDENTS IN LIGHT OF FURURE CHALLENGES AND NEEDS

A Thesis submitted to the Faculty of Education for the Master's Degree in Education
(Curricula and Methods of Teaching English)

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The Researcher Ahmed Mohamed Khalil

Abstract

It has been observed that the engineering students, at Higher Technological Institute (10th of Ramadan city-6th of October Branch), are in a bad need for the improvement of their English language skills. The purpose of the present study was to examine the effectiveness of designing an ESP programme on developing reading and writing skills for engineering students in Light of Future Challenges and Needs. Based on the review of literature, the related studied, and professors and students' questionnaires, the researcher identified the students' needs and designed the proposed programme. The researcher taught the programme to a sample of 31 students, in the first year at Higher Technological Institute (10th of Ramadan city-6th of October Branch) in a complete semester. Pre- and post achievement tests were administered to the engineering students representing an experimental group and a control group to determine how much progress they made in their reading and writing skills. The comparison between the mean scores of the students of the two groups in the pre and post tests proved that the students made considerable progress in their reading and writing skills in favor of the experimental group due to the use of the proposed ESP programme; which proved to be effective in developing both the required reading and writing skills.

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Appendix (1)

Students' Questionnaire

Dear Students:

This questionnaire is designed to identify your academic English language needs. It is hoped to offer English that is relevant and helpful to your studies and research. Would you please answer all the questions frankly. Your responses are useful for the design of the suggested English language programme. They will contribute to the value of this research and will be used for research purposes only.

Instructions:

For each item, Tick"\" next to each answer that best shows your opinion or Specify another answer and "write it" in the space provided.

Thanks very much in advance for your cooperation

The researcher Ahmed Mohamed Khalil Appendices - 2 -

Personal Details Name: Age: Sex: (male/ fema						
First of all, pleas	se provide some i	nformation about	yourself:			
1- English 1	anguage experien	ce before college	: please tick the			
appropria	ite space(s):					
I studied E	nglish as a subject	at school.				
I joined an	English-medium s	chool.				
I attended	English courses.					
Other (plea	ise specify)					
2- When do	you use English?					
When studying.						
When socializing.						
When sear	When searching.					
Other (plea	ise specify)					
3- How far	do you evaluate	your abilities ar	nd knowledge of			
English in	n the following are	as?				
	Good	Average	Poor			
Listening						
Speaking						

Appendices -3-

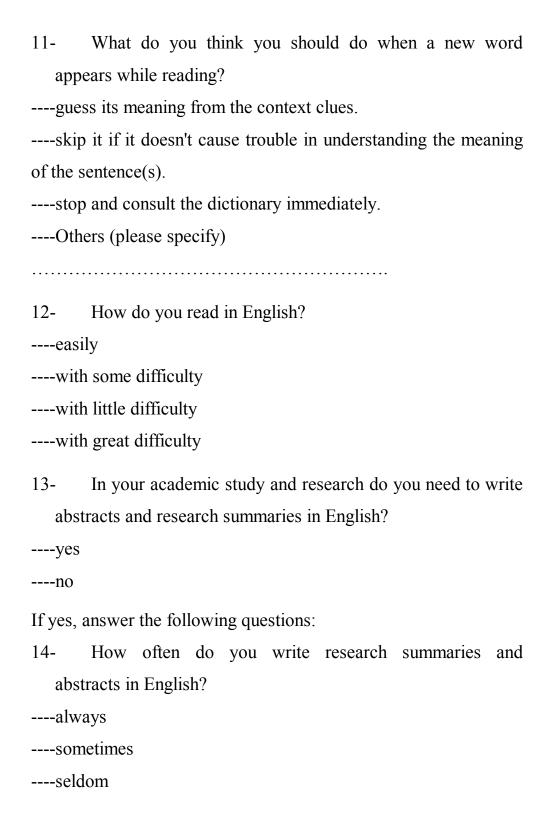
Reading		
Writing		

-			
4- My main	problem(s) in lear	ning English is/are	:
Limited vo	cabulary.		
Slow reading	ng		
Low reading	ng comprehension		
Bad writing	3		
Other (plea	ise specify)		
5- How do	you rate the impor	rtance of English t	o your academic
study?			
Very impor	rtant		
Important			
Unimportar	nt		
6- Why do y	ou think that read	ing English is diffic	cult?
because I	have to frequent	ly look up unkno	wn words in the
dictionary.			
because it	takes me a lot of t	ime to read.	
because I	have to translate n	early every word.	
All the abo	ve reasons		
Other reaso	ons (please specify	<u>(</u>)	

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	7- What do you need to read in English? (tick whatever is	S
	appropriate)	
	books/textbooks/references	
	journals/periodicals	
	electronic pages	
	Others (please specify)	
	8- Why do you read in English? (tick whatever is appropriate)	
	for conducting research(es)	
	for general information	
	for studying	
	Others (please specify)	
9-	Do texts in your study and research need the skill of reading in	n
	English effectively?	
	Yes	
	sometimes	
	no	
	10- Should you use a dictionary while reading?	
	always	
	sometimes	
	seldom	
	never	

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Appendices - 6 -

15-	Do you	need to	answer	some	of your	exam	questions	in
Eng	glish?							
yes								
no								

If yes, answer the following question:

- 16- How often are you required to answer some of your exam questions in English?
- ----always
 ----sometimes
- ----seldom
- 17- How important are these tasks in English for your engineering studies?

Reading:	Very important	Important	Quite important	Not very important	Unimportant	I Do not know
-skim to find the						
main ideas of a						
text.						
-scan to locate						
specific						
information						
-lecture handouts						
-predict content						
from title						
-examination						
papers						
-identify the main						
idea in a						