بسم الله الرحمن الرحيم والمعند أله الرحمن الرحيم وَالْعَصْرِ (1) إِنَّ الْإِنسَانَ لَفِي خُسْرٍ (2) إِلَّا الَّذِينَ آمَنُوا وَعَمِلُوا } { الصَّالِحَاتِ وَتَوَاصَوْا بِالْحَقِّ وَتَوَاصَوْا بِالصَّبْرِ (3 صدق الله العظيم

Dedication

This Research is dedicated to my parents and family.

ACKNOWLEDGEMENTS

to supervisor would like thank my talented **Dr.Abdulgadir** Mohammed Ali. Ι thank wholeheartedly, not only for his tremendous academic support, but also for giving me so many wonderful opportunities. I am also hugely appreciative to Dr. Mohammed Altayeb Abdalla (co-supervisor), especially for sharing his taxonomic expertise so willingly, and for being so dedicated to his role as my secondary supervisor. My thanks are also due to Dr. Abdalla Mohammed Ahmed Kafeel, who has been a truly dedicated mentor. I am particularly indebted to Ustaz: Abdelhameed Adam for the Special thanks are owed to Dr. statistical analysis. Hassan Mahill Abdalla, Dr. Hillary Marino Pitia for going far beyond the call of duty. I would also like to express my special thanks of gratitude to Dr. AlBushari Abdoon Bushra and Dr. Taj Alsir Hassan Bashoum for their insightful comments and support which help me to know about so many new things I am really thankful to them, as well as to the seminars' attendants, service providers and Miss Madina Mohammed Mohammed for their active participation. Finally, thanks go to my wife Hala Ibrahim Babikir and the kids for almost unbelievable support.

They are the most important people in my world and I dedicate this thesis to them.

Abstract

This study examines and identifies the views of the undergraduate students at Garden City College for Science & Technology concerning their academic and linguistic needs, lacks, and aspirations. It also explores subject teachers' attitudes to the students' overall performance with English Language. The aim behind the Needs Analysis in this study is to collect information which when dealt with makes courses better suited to students' subjective and objective needs. Another objective is to reach a collective awareness on the part of students, subject teachers, and other stakeholders so as to set an ESP frame for all the English Language courses provided at the college. 213 undergraduate students, from five different departments, as well as 45 subject teachers (PhD, MSC, and BSC (TA)) were selected to constitute the main samples in this study. Further investigation included personal interviews with 6 still serving as department heads, in addition to 2 previous ones. A mixed methodology (Triangulation) was adopted in data collection, in addition to the personal interviews. instruments this used in study were questionnaires administered on both Teachers Students, and the direct semi- structured personal interviews. The two instruments were designed accordance with Hutchinson and Waters (1987) and Dawson .C (2009) respectively. The data obtained from the three types of instruments has been analyzed, tabulated, and finally interpreted. The study results reveal that there was a consensus among both students and teachers to adopt ESP as an effective mechanism for any Language Program presented at .Moreover, teachers are convinced that students' ability in both English language skills and study skill is very weak .As far as the teachers at the college are concerned, the research revealed that a considerable number of them did not have any teachers training program. The research recommended that the solution for the students' lack of adaptability for the ready -made English Language can be achieved by establishing a well courses

structured ESP centre to undertake the responsibility of collaboratively preparing ESP teaching materials for the college in consultation with the departments at the college.

مستخلص

تقوم هذه الدراسة باستقراء والتعرف على اراء الطلبة الجامعيين في كلية قاردن سيتي للعلوم والتقانة حول ما يفتقرون اليه من الاحتياجات الأكاديمية واللغوية وتطلعاتهم. كما ناقشت مواقف و اراء اساتذة المواد فيما يتعلق بالأداء العام للطلاب في استخدام اللغة الإنجليزية. الهدف من وراء تحليل الاحتياجات في هذه الدراسة هو جمع المعلومات التي عند الرجوع اليها تجعل كورسات اللغة الانجليزية أكثر ملائمة للاحتياجات الذاتية والموضوعية للطلاب. هدف آخر هو الوصول إلى وعى جماعي من جانب الطلاب والمعلمين وغيرهم من الجهات المعنية وذلك لوضع إطار خاص بالانجليزية للأغراض الخاصة لجميع دورات اللغة الإنجليزية المقدمة في الكلية. تم اختيار عدد 213 من الطلاب الجامعيين يمثلون خمسة أقسام مختلفة فضلا عن 45 من اساتذة المواد وهم من حملة الدكتوراة, و الماجستير و عدد من مساعدي التدريس ليمثلو العينات الرئيسية في هذه الدراسة. تعتبر المقابلات الشخصية مع 6 من رؤساء الأقسام العاملين بالكلية و اثتين سابقين بمثابة إضافة. اعتمدت الدراسة على المنهجية المختلطة (التثليث) في جمع البيانات، بالإضافة إلى المقابلات الشخصية. وان الأدوات المستخدمة في هذه الدراسة هي الاستبيانات المخصصة لكل من الطلاب و الاساتذة، والمقابلات الشخصية شبه المباشرة. وقد صممت هذه الأدوات وفقا لهاتشينسون وواتر (1987) وداوسون (2009). البيانات المتحصل عليها من خلال الاستبانات و المقابلات الشخصية تم تحليلها، جدولتها، وتفسيرها في نهاية المطاف.كشفت نتائج الدراسة أن هناك توافق في الآراء بين كل من الطلاب والمعلمين على تبنى الانجليزية للأغراض الخاصة كآلية فعالة لأي برنامج لغة إنجليزية يقدم في كلية قاردن سيتي. علاوة على ذلك، المعلمون مقتنعون بأن قدرة الطلاب في كل من مهارات اللغة الإنجليزية والمهارات الاكاديمية ضعيفة. و فيما يتعلق بالاساتذه في الكلية ، كشفت الدراسة بان عددا كبيرا منهم لم يتلق أي برنامج تدريبي للتدريس باللغة الانجليزية. أوصت الدراسة بأن الحل لعدم تكيف الطلاب مع كورسات اللغة الانجليزية الجاهزة يمكن تحقيقه من خلال إنشاء مركز منظم بشكل جيد للانجليزية للاغراض الخاصة للاضطلاع بالمسؤولية التعاونية في إعداد المواد التعليمية للكلية بالتشاور مع الإدارات المختلفة فيها.

Table of Contents

Ti	tle	Page NO.
Holly Quran Ve		II
Dedica	tion	 }/
ACKNOWLEDGEMENTS Abstract (Engl	lich)	IV V
Abstract (Engl		V VI
	المست	
Table of Conte		VII
List of Tal		X
List of Figu List of Abbreviati		X I X II
		XIII
Definition of Te		ΧV
List of Appendi CHAPTER ONE:INTRODUCTION		^ V
1.0 The Study Backgro		1
1.0 The Study Backgro 1-1 Research Prob		3
1.2 The Objectives of the Research		4
1.2 The Objectives of the Research Quest		4
1.4 The Research Hypothe		4
1.5 Research Significa		5
1-6 Scope of the Research		5
1-7 Research Methodol		5
Chapter Summ	nary	6
CHAPTER TWO		
LITERATURE REVIEW AND PREVIOUS ST		
Part One: Theoretical Backgro		7
2.0 Introduc		7 7
2.1 The Definition of Needs Anal 2-2 Types of Needs Analy	-	, 12
2.2.1 Perceived Needs vs. Felt Ne		12
2.2.2 Objective Needs vs. Subjective Needs		13
2.2.3 Target Needs vs. learning Need	S	13
2.2.4 Implicit vs. Explicit Need	S	13
2-3 Ways to collect Information for Needs Analy		14
2-4 Needs Analysis Approac		14
2.4.1 The Sociolinguistic Approach (CNF		15 22
2.4.2 A Systemic Approach	1:	22 22
2.4.3 A learning-centred Approach		
2.4.4 Learner-Centred Approach		23

2.4.5 The Task-based Approach	24
2-5 The Needs Analysis Process	25
2-6 The Role of Needs Analysis in ESP	27
2.7 Characteristic Features of an ESP Course	29
2.8 Notion of Needs Analysis in ESP Setting	32
2.9 Components of Needs Analysis	33
2.9.1Target Situation Analysis (TSA)	33
2.9.2 Present Situation Analysis (PSA)	34
2.9.3Means Analysis	35
2.9.4 Language Audit	35
2.10 English for Academic Purposes	36
2.11 ESP Course Design	37
2.11.1 Syllabus Definition	37
2.12 Approaches to ESP Syllabus Design	37
2.12.1 Language-Centred Approach	37
2.12.2 Skill- Centred Approach	38
2.12.3 Learning -Centred Approach	39
2.13 Types of Syllabus	39
2.14 ESP Course Design Steps	40
2.15 The Need for an Analysis of Texts	42
2.16 Trends in Needs Analysis and Course Design	42
Part Two: Previous Studies	44
Chapter Summary	49
CHAPTER THREE	
RESEARCH METHODOLOGY	
3.0 Introduction	50
3.1 Population of the Study	50
3.2 Sample of the Study	51
3.3 The Tools and Instruments	51
3.4. Teachers' and Students' Questionnaires	51
3.5 Personal Interviews	52
3.6 Reliability and Validity	52
Chapter Summary	52
CHAPTER FOUR	
DATA CLASSIFICATION, DESCRIPTION, ANALYSIS	AND
DISCUSSION	
4.0 Introduction	53
4.1 Data Analysis Procedure	53
4.2 Students' Questionnaires Analysis	54
4.3 Subject Teachers' Questionnaires Analysis	60
-	

4.4 Hypotheses P- value and Statistic Significance 4.5 Personal Interviews Analysis 4.6 Report Discussion and Findings Chapter Summary	69 71 73 74
CHAPTER FIVE SUMMARY OF RESULTS, RECOMMENDATINS A CONCLUSIONS	AND
5-0 Introduction 5-1 Summary of Findings 5-2 Recommendations 5-3 Suggestions for Further Research 5.4 Conclusion References Appendices	75 75 76 76 77 78 86
List of Tables	
Table 4.1: Usefulness of ESP Courses	Page 54
Table 4.2: ESP Courses and General English improve	
Table 4.3: ESP Courses and Technical Terms	55 56
Table 4.4: ESP Courses and Reading Improve	

.....57

Table 4.5: ESP Courses and Writing Improvement
58
Table 4.6: ESP Courses and Listening Improvement
58
Table 4.7: ESP Courses and Speaking Improvement
59
Table 4.8: Students' Current Command of
English60
Table 4.9: Students' Note-taking Skill61
Table 4.10: Decoding Information in Charts62
Table 4.11: Skimming62
Table 4.12: Intensive Reading63
Table 4.13: Scanning63
Table 4.14: Writing Essays and Reports64
Table 4.15: Punctuation Marks65
Table 4.16: Writing in Exams and Tests65
Table 4.17: Writing Graduation Projects66
Table 4.18: listening to lectures in English67
Table 4.19: Giving Presentations in English
language67
Table 4.20: Defending Graduation Projects in English
68
Table 4.21: P-value for Students'
Perceptions69
Table 4.22: P-value for Subject Teachers'
Perceptions70
Table 4.23: Personal Interviews' Representation
72

List of Figures

Figure2.1 Hutchinson and Waters' Categorization	Page on of
Figure 2.2 Munby's Needs Analysis Approach Des	to Course sign . 16
Figure 2.3 Hutchinson and Water Comprehensive Target Situation Analysis Frame	•
Figure 2.4 Brown(2009) NA Framework	26
Figure 2.5 Language- centred Approach t Design	o Course
by Hutchinson and waters (1987:16) 38	

List of Abbreviations

GCCST: Garden City College for Science & Technology

NA: Needs Analysis

ESL: English as Second Language **EAP:** English for Academic Purposes

ESP: English for Specific Purposes **CNP:** Communicative Needs Processor

TSA: Target Situation Analysis **PSA:** Present Situation Analysis

Definition of Terms

English as a Second Language (ESL) is the role of English in countries where English is used in schools or at work by speakers of other languages who are immigrants or other minority groups in English-speaking countries, e.g. America, England, Canada, Australia, and New Zealand. It is also used as a medium of instruction in education.

English for General Purposes (EGP) or General English (GE) is the role of English of which the content and aim of the course are in terms of the teaching of general language proficiency.

English for Specific or Special Purposes (ESP) is the role of English which is normally aimed at either occupational or educational roles, or both, on the basis of

the content and purposes or aims of the course that are fixed by the specific needs of a particular group of students, for example, English for Science and Technology (EST),

English for Occupational Purposes (EOP), and English for Academic Purposes (EAP). English language proficiency is the degree of ability with which a person can use English in listening, speaking, reading and writing.

English Language Teaching (ELT) is the major role of English teaching that consists of two branches: the teaching of English as Mother Tongue (EMT) and the teaching of English as a Foreign Language (EFL) or English as a Second Language (ESL). For the latter role, ELT is used particularly in Britain. In the United States, this usage is referred to as TESOL, i.e. Teaching English to Speakers of Other Languages.

Second language is a language that is not a native language or mother tongue in a country, but it is widely used in the country as a language of communication (e.g. in schools, government, and business).

<u>Lacks</u> are the needs of a particular student as to which the necessities the student lacks for a target situation.

Necessities are the types of need as to what the student has to know in order to function effectively in the target situation.

Speciality is special or specific subject matter for a particular group of

students (e.g. engineering, Multimedia, Business studies, electronics, etc.).

<u>Target situation</u> refers to what the student needs to do or to engage in their target English situation in terms of necessities, lacks, and wants for target needs.

Wants are the desires as to what the student needs are based on the data relating to him/herself and his/her environment. These desires may conflict with the perceptions of course designers, teachers and others concerned with the English program. Specialization is special or specific subject matter for a particular group of students (e.g. engineering, nursing, medical studies, economics, etc.). Target situation refers to what the student needs to do or to engage in their target English situation in terms of necessities, lacks, and wants for

target needs. Wants are the desires as to what the student needs are based on the data relating to him/herself and his/her environment. These desires may conflict with the perceptions of course designers, teachers and others concerned with the English program.

Needs analysis or needs assessment is the process of determining the needs for which a student or group of students requires English and arranging needs according to priorities.

<u>Perceived English-language needs</u> is the self-report of the academic needs of which a student or group of students requires English in specific areas of specialization.

List of Appendices

		Page
1.	Appendix A:Subject Teachers	
	Questionnaire 86	
2.	Appendix B: Students'	
	Questionnaire92	
3.	Appendix C: Teachers' General	
	Information 97	
4.	Appendix D : Students' Demographic	
	Variables 109	
5.	Appendix E: Personal Interviews	
	120	

6.	Appendix F : The respondents teach the following	ng
	subjects	at
	GCCST 121	
7.	Appendix G: Subject teachers' open-ended	
	responses122	
8.	Appendix H: List of Questionnaires'	
	judges 123	