

TABLE OF CONTENTS

	Page
ABSTRACT (IN THAI).....	I
ABSTRACT (IN ENGLISH).....	III
ACKNOWLEDGEMENTS.....	VI
TABLE OF CONTENTS.....	VIII
LIST OF TABLES.....	XII
LIST OF FIGURES.....	XIII
LIST OF ABBREVIATIONS.....	XIV
 CHAPTER	
1 INTRODUCTION.....	1
1.1 Background of the Study.....	1
1.2 The Purposes of the Study.....	3
1.3 Research Questions.....	4
1.4 Significance of the Study.....	4
1.5 Scope and Limitations of the Research	5
1.6 Definitions of Key Terms	6
1.7 Summary of the Chapter	7

TABLE OF CONTENTS (CONTINUED)

	Page
2 LITERATURE REVIEW	8
2.1 English for Specific Purpose (ESP).....	8
2.1.1 Definition of ESP.....	9
2.1.2 Types of ESP.....	10
2.1.3 Development of ESP Courses.....	12
2.2 Needs Assessment.....	13
2.2.1 Definition of Needs Assessment.....	13
2.2.2 Types of Needs Assessment.....	14
2.2.3 Approaches to Needs Assessment.....	15
2.2.4 Methodologies of Needs Assessment.....	16
2.2.5 Instrument Types for Needs Assessment.....	17
2.3 The Profession of Medical Technology.....	18
2.3.1 Definition of Medical Technologist.....	18
2.3.2 Qualification Requirements.....	19
2.3.3 Duties and Job Description.....	20
2.3.4 Medical Technologists in Thailand.....	21
2.3.4.1 Current Situation and Trend.....	21
2.3.4.2 Qualifications and Duties.....	22
2.3.4.3 English Background of Medical Technologists...	23

TABLE OF CONTENTS (CONTINUED)

	Page
2.4 Previous Studies Related to the Present Investigation.....	25
2.5 Summary of Chapter.....	29
3 RESEARCH METHODOLOGY.....	31
3.1 Research Design.....	31
3.2 Population and Participation.....	31
3.2.1 Population.....	32
3.2.2 Participants.....	32
3.3 Research Instruments.....	33
3.3.1 Questionnaire.....	34
3.3.2 Construction and Development of Questionnaire.....	35
3.3.3 Validity and Reliability of the Questionnaire.....	36
3.3.4 Semi – Structured Interview.....	37
3.4 Data Collection.....	37
3.5 Data Analysis and Statistical Procedures.....	38
3.5.1 Effectiveness of the Research Instruments.....	39
3.5.2 Statistical Method Used.....	39
3.6 Summary of the Chapter.....	41

TABLE OF CONTENTS (CONTINUED)

	Page
4 RESULTS OF THE STUDY	42
4.1 Demographic Information.....	43
4.2 English Language Skills.....	46
4.3 Problems and Needs.....	51
4.4 Suggestions from Respondents.....	66
4.5 Summary of the Chapter.....	71
5 CONCLUSION AND DISCUSSION	72
5.1 Summary of the Findings.....	72
5.2 Discussion of the Finding.....	74
5.2.1 English Language Skills Deficits and Workplace Challenges.....	74
5.2.2 English Language Training Preferences.....	77
5.3 Implication of the Finding.....	80
5.4 Recommendation for Future Research.....	82
BIBLIOGRAPHY	84
APPENDICES	88
A The Letter for Asking Permission to Collect the Research Data	89
B The Letters for Experts.....	94
C Questionnaire.....	100
CURRICULUM VITAE	116

LIST OF TABLES

Table	Page
3.1 The Participants of the Study Classified by Hospital.....	32
3.2 Reliability Test.....	39
3.3 A 5 – Point Likert Scale.....	40
4.1 Respondents' English Language Skills.....	
4.2 Frequency of Using English Language Skills at Work	49
4.3 The Importance of English Language Skills.....	50
4.4 Problems on English Listening Comprehension.....	52
4.5 Problems on Speaking English.....	54
4.6 Problems on Reading in English	56
4.7 Problems Writing in English	58
4.8 Problems Translating English	60
4.9 Frequency of Problems on Using the English Language by Situations	63
4.10 Preferred Days, Times and Periods of Study for an English language Skills Course for Thai Medical Technologists.....	68

LIST OF FIGURES

Figure	Page
2.1 A Genealogy of English Language Teaching Approaches	10
4.1 Gender of Respondents.....	43
4.2 Age of Respondents.....	44
4.3 Education Level of Respondents.....	45
4.4 Years of Working Experience.....	46
4.5 Percentage of Respondents who Worked to Improve Their English Language Skills After Graduating.....	48
4.6 English Language Skill Deficits that Create Problems in the Workplace.....	61
4.7 Suggested Areas of Focus for an English Course for Thai Medical Technologists.....	67

LIST OF ABBREVIATIONS

AMT	American Medical Technologist
AMTT	Association of Medical Technologist of Thailand
ASCPi	American Society of Clinical Pathology (international)
CPE	Continuing and Professional Education
EAP	English for Academic Purposes
EMP	English for Medical Purposes
EMTP	English for Medical Technologist Purpose
EOP	English for Occupational Purposes
ESP	English for Specific Purposes
IOC	Item Objective Congruence Index
L1	Native Language
L2	Second Language
MT	Medical Technologist
SPSS	Statistical Package for the Social Science
WHO	World Health Organization