TABLE OF CONTENTS

Dedication ................................................................................................................................. ii
Acknowledgements ................................................................................................................... iii
Abstract ..................................................................................................................................... v
Table of contents .................................................................................................................... vii
References ............................................................................................................................... xv
Appendices .............................................................................................................................. xvi
List of tables ........................................................................................................................... xvii
List of figures .......................................................................................................................... xxi

1. CHAPTER ONE: INTRODUCTION

1.1 Reasons for conducting language learning strategy research ...................................... 1
1.2 The need for writing strategy research ........................................................................... 3
   1.2.1 Context of the current research ........................................................................... 5
   1.2.2 Demands of written English in academic and professional settings ................. 7
   1.2.3 Problems to be investigated .............................................................................. 7
   1.2.4 Suggested solutions to alleviate the writing problems of students ................. 8
1.3 Key research questions ................................................................................................. 9
1.4 Significance of the study ............................................................................................... 9
1.5 Scope of the study ........................................................................................................ 10

2. CHAPTER TWO: LITERATURE REVIEW

2.1 Writing strategies .......................................................................................................... 12
   2.1.1 Identification of writing strategies ....................................................................... 12
   2.1.2 Classifications of writing strategies ..................................................................... 16
      2.1.2.1 The reasons for modifying the classification of writing strategies .................. 17
      2.1.2.2 Modification of writing strategy classification ............................................. 18
2.1.3 Theoretical framework for the classification of writing strategies

(Theories related to ESL Writing) ................................................................. 20

2.1.3.1 Contrastive rhetoric theory .......................................................... 20
2.1.3.2 Cognitive development theory ....................................................... 21
2.1.3.3 Social constructivism ................................................................. 22

2.2 Factors influencing strategy use ............................................................. 24

2.2.1 Fields of studies and language learning strategy use .......................... 26

2.2.1.1 Writing strategy use: Theoretical background ......................... 27

2.2.2 Theoretical background to approaches to writing and strategies ...... 31

2.2.2.1 Controlled composition approach ............................................. 31
2.2.2.2 Current traditional rhetoric ..................................................... 31
2.2.2.3 The process approach ............................................................. 32
2.2.2.4 English for academic purposes ................................................. 33
2.2.2.5 Product approach ................................................................. 33
2.2.2.6 The process approach ............................................................. 35
2.2.2.7 Genre approach .................................................................. 37

2.2.2.7.1 Benefits of the genre based approach to teaching
L2 writing .......................................................... 38

2.2.2.7.2 Stages of writing based on the genre approach ...... 39

2.2.2.7.3 Criticism against the genre approach .................................. 40

2.2.3 Motivation and writing strategy use ................................................... 41

2.2.3.1 Studies on the relationships between learning strategy use
and motivation ............................................................. 41

2.2.3.1.1 Gardner’s model .......................................................... 43
2.2.3.1.2 Dornyei’s model .......................................................... 46
2.2.3.1.3 Williams and Burden’s model ......................................... 48
3. CHAPTER THREE: METHODOLOGY

3.1 Subjects................................................................. 51

3.2. Instruments for data collection ................................. 53

3.2.1 Development of the writing strategy questionnaire ... 53

3.2.2. Structured Interview ........................................... 54

3.2.3 A sample of writing proficiency test ...................... 54

3.2.4 Reasons for the development of the instruments ..... 55

3.2.4.1 Reliability and validity test on the instruments ...... 56

3.2.4.2 Overall reliability ........................................... 57

3.2.4.3 Reliability of subscales .................................... 58

3.2.4.4 Validity of the questionnaire ............................ 59

3.3 The Procedures and the methods for data analysis ........ 61

3.3.1 What writing strategies are employed most and least frequently by the study groups? ........................................ 62

3.3.2 What writing strategies are related to the writing proficiency of subjects? .................................................... 62

3.3.3 Writing proficiency test ........................................ 63

3.3.4 Do the students from different disciplines use different writing strategies? .................................................. 65

3.3.5 Are the writing strategies of the students associated with certain approaches to writing? ............................... 65

3.3.6 Does motivation have an effect on the use of writing strategies? ........ 66

4. CHAPTER FOUR: ANALYSIS OF FINDINGS

4.1 Quantitative data.......................................................... 67

Section One: Research question 1

Section Two: Research question 2:
Section Three: Research question 3

Section Four: Research question 4:

4.2. Qualitative data

Section Five: Writing strategies

Section Six: Research question 5

4.1.1 Research question 1: Analysis of quantitative data: Section One

4.1.1.1 Mean scores of individual writing strategy use

4.1.1.2 Frequency of writing strategy use

4.1.1.3 Overall mean scores of writing strategy categories

4.1.2 Research question 2: Section 2

4.1.2.1 Writing proficiency test results

4.1.2.2 Correlation of writing strategy use with writing proficiency

4.1.2.3 Writing strategies displaying significant variation by writing proficiency level

4.1.2.4 Effects of the use of strategies on writing proficiency

4.1.3 Research question 3: Section 3

4.1.3.1 The overall mean of strategy use

4.1.3.2 Differences in the use of strategy categories

4.1.3.2.1 Significant strategy category mean differences across disciplines

4.1.3.3 Differences in individual writing strategy use

4.1.3.4 Writing strategies related to the writing proficiency of subjects

4.1.3.5 Effects of strategies on writing proficiency

4.1.4 Results of research question 4: Section 4

4.1.4.1 Classification of writing strategies into three approaches to writing

4.1.4.2 Correlations of writing strategies with the major principles of
4.2 Undergraduate EFL students’ writing strategies: Qualitative data: Section 5..... 102

4.2.1 Questionnaire Part 1...................................................................................... 102

4.2.2 Description of categories of writing ........................................................... 104

4.2.3 Writing strategies of EFL undergraduates..................................................... 105

4.2.3.1 Generating ideas ............................................................................... 106

4.2.3.2 Revising and editing written texts .................................................. 106

4.2.3.3 Times of rewriting a text .................................................................. 108

4.2.3.4 Types of texts often written by EFL students................................. 109

4.2.3.5 Perceived difficulties in writing ...................................................... 110

4.2.3.6 Rank-ordering of importance of aspects of good writing ............... 113

4.2.3.7 Criteria for judging the quality of a piece of writing...................... 116

4.2.4 Interviews ......................................................................................................... 117

4.2.4.1 Results of the interviews on writing behavior of EFL learners......... 118

4.2.4.1.1 EFL students’ attitudes towards writing .................................... 118

4.2.4.1.2 Experience of writing letters and diaries .................................. 119

4.2.4.1.3 Difficulties faced in writing and ways of overcoming the same ............................................. 119

4.2.4.1.4 Writing strategies suggested as useful to develop writing competence ............................................. 120

4.2.4.1.5 Perceived importance of certain writing strategies ............... 123

4.3.5 Results of research question 5: Section 6 ......................................................... 123

4.3.5.1 Relationship between motivation and the use of writing strategies 123

4.3.5.2 Identification of motivational variables ............................................. 124

4.3.5.2.1 Selection of motivational variables to the purpose of the present study ............................................. 125
4.3.5.3 Quantitative data on motivation variables .................................126

4.3.5.3.1 The relationship between the four motivational variables
and the means of writing strategy use ........................................127

4.3.5.3.2 Correlation of motivational variables with writing
strategy categories .................................................................129

4.3.5.3.3 The effect of motivational variables on writing strategy
use ........................................................................................131

4.3.5.3.4 Rank of reasons for developing writing skills ..............134

4.3.5.3.4.1 The relationship between reasons for developing
writing skills variables and the means of writing
strategy use ...........................................................................135

4.3.5.4 Qualitative data on attitudinal variables ........................................136

4.3.5.4.1 EFL students’ attitudes towards writing .....................137

4.3.5.4.2 Satisfaction with writing course results and ways of
teaching writing ......................................................................138

4.3.5.4.3 Qualitative data on satisfaction and dissatisfaction of the
exam results .............................................................................139

4.3.5.4.3.1 Evaluation of ways of teaching writing ..........143

4.3.5.4.3.2 Qualitative data on evaluation of ways of
teaching writing ........................................................................143

4.3.5.5 Quantitative data on relationship between attitudinal variables and
writing strategy use ....................................................................147

4.3.5.6 Writing goals and reflection on writing strategy use .................147

4.3.5.6.1 Reasons for developing writing skills ..............................148

4.3.5.6.2 Identifying factors influencing the use of writing strategies
that contribute to development of writing competence
in the interviews ......................................................................149

xii
5. CHAPTER FIVE: DISCUSSION OF FINDINGS

5.1 Part One: Discussion on findings: quantitative data ................................................. 151
  5.1.1 Research questions 1 and 2 .................................................................................. 151
  5.1.1.2 Correlation of writing strategies with writing proficiency ......................... 153
  5.1.2 Research question 3 ............................................................................................ 154
    5.1.2.1 Overall mean of writing strategy use ......................................................... 154
    5.1.3.2 Differences in frequency of the use of strategy categories............. 154
    5.1.2.3 Differences in the use of individual writing strategies across disciplines ......................................................... 155
    5.1.2.4 Writing strategies related to the writing proficiency of students from different fields of studies ......................................................... 157
    5.1.2.5 Effects of strategies on writing proficiency ........................................... 159
  5.1.3 Research question 4 ............................................................................................ 162

5.2 Part Two: Writing behavior of EFL students: Qualitative data ........................................ 163
  5.2.1 Writing strategies employed to generate ideas and revise and edit written texts ................................................................. 164
  5.2.2 Types of text frequently written ........................................................................... 168
  5.2.3 Ranking the aspects of good writing in the order of importance .......... 168
  5.2.4 Criteria for judging the effectiveness of writing ............................................... 170
  5.2.5 Ranking difficulties faced in writing in order of severity ............................ 171
  5.2.6 Difficulties faced during writing and ways of dealing with these problems ................................................................................................................. 172
  5.2.7 Useful writing strategies that contribute to the development of writing skills ................................................................................................................. 173
  5.2.8 Rating the values of certain strategies ................................................................. 174

xiii
5.2.9 Validation of data obtained from Questionnaire Part I and II..............174

5.3 Discussion on results of research question 5 ........................................177

5.3.1 Discussion on results of the analysis of quantitative data .....................177

5.3.1.1 Correlation of motivational variables with writing strategy use...........177

5.3.1.2 The effect of motivational variables on writing strategy use ..............179

5.3.2 Discussion on attitudinal variables: Qualitative data ..........................179

5.3.2.1 Attitude towards writing ..............................................................179

5.3.2.2 Satisfaction with the writing course result and the ways of teaching writing .........................................................................................181

5.3.2.3 Satisfaction with the writing course results .....................................181

5.3.2.4 Satisfaction with the ways of teaching writing ...............................182

5.3.2.5 Relationship between attitudinal variables and writing strategy use .. 183

5.3.2.6 Factors influencing the use of writing strategies disclosed by analysis of qualitative data ..............................................................................184

5.3.2.6.1 Encouragement .........................................................................184

5.3.2.6.2 Personal effort ...........................................................................185

5.3.2.6.3 Practicing writing ....................................................................186

5.3.2.6.4 Effective teaching ....................................................................186

5.3.2.6.5 Usefulness ................................................................................187

5.3.2.6.6 Confidence .................................................................................187

6. CHAPTER SIX: CONCLUSIONS AND PEDAGOGICAL IMPLICATIONS OF THE STUDY

6.1. Research question 1: What writing strategies are most and least frequently employed by study subjects or groups? ...........................................188

6.1.1 Qualitative data analysis results on writing behaviour of undergraduate students ........................................................................................................189
6.2 Research question 2: Which of the writing strategies are related to the writing proficiency of the subjects?................................................................. 192

6.3 Research question 3: Do the students from different disciplines use different writing strategies?........................................................................................................... 193

6.3.1 Differences in the overall writing strategy use........................................ 193

6.3.2 Differences in writing category use ...................................................... 193

6.3.3 Differences in individual writing strategy use ................................... 194

6.3.4 Differences in writing strategies related to writing proficiency of students from different fields of studies ................................................... 194

6.3.5 Differences in Effects of strategies on writing proficiency................. 195

6.4 Research question 4: Are students’ writing strategies associated with certain approaches to writing? ............................................................... 197

6.5 Research question 5: Does motivation have an effect or influence on the use of writing strategies? ................................................................. 198

6.5.1 Relationship between motivation and the use of writing strategies .... 198

6.5.2 Motivational variables and writing strategy use: Results of quantitative data analysis ................................................................. 198

6.5.3 Motivational variables and writing strategy use: Results of qualitative data analysis ........................................................................ 199

6.6 Implications of the study for writing strategy use and study.................. 201

6.6.1 Implication pertaining to writing strategy study.................................... 201

6.6.2 Implications related to the teaching-learning environment............... 201

6.7 Further research ..................................................................................... 203

6.8 Limitations of the study........................................................................... 203

References ............................................................................................................. 205
Appendices

Appendix A
Appendix B
Appendix C
Appendix D
Appendix E
Appendix F
Appendix G
Appendix H