

A DEVELOPMENT OF A BUSINESS-ORIENTED ENGLISH READING  
COURSE USING CONTENT-BASED INSTRUCTION AND TEAM-BASED  
LEARNING TO ENHANCE THE READING ABILITY OF EFL  
UNDERGRADUATE STUDENTS

การพัฒนารายวิชาการอ่านภาษาอังกฤษเชิงธุรกิจ โดยใช้การสอนเชิงเนื้อหา และ<sup>น</sup>  
รูปแบบการเรียนแบบทีม ในการพัฒนาความสามารถด้านการอ่านของนักศึกษาระดับ<sup>น</sup>  
ปริญญาบัณฑิต ที่เรียนภาษาอังกฤษเป็นภาษาต่างประเทศ

Mrs. Teresita J. Bunyakarte

A Dissertation Submitted in Partial Fulfillment of the Requirements for the Degree of  
Doctor of Philosophy Program in English as an International Language  
(Interdisciplinary Program)  
Graduate School  
Chulalongkorn University  
Academic Year 2008

การพัฒนารายวิชาการอ่านภาษาอังกฤษเชิงธุรกิจ โดยใช้การสอนเชิงเน้นเนื้อหา และ<sup>ช่องทาง</sup>  
รูปแบบการเรียนแบบทีม ในการพัฒนาความสามารถด้านการอ่านของนักศึกษาระดับ<sup>ชั้นป.ตรี</sup>  
**ปริญญาบัณฑิต ที่เรียนภาษาอังกฤษเป็นภาษาต่างประเทศ**

นาง เทเรสิตา บุณยเกียรติ

วิทยานิพนธ์นี้เป็นส่วนหนึ่งของการศึกษาตามหลักสูตรปริญญาศิลปศาสตรดุษฎีบัณฑิต<sup>สาขาวิชาภาษาอังกฤษเป็นภาษานานาชาติ (สาขาวิชา)</sup>  
**บัณฑิตวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย**  
**ปีการศึกษา 2551**

Thesis Title	A DEVELOPMENT OF A BUSINESS-ORIENTED ENGLISH READING COURSE USING CONTENT- BASED INSTRUCTION AND TEAM-BASED LEARNING TO ENHANCE THE READING ABILITY OF UNDERGRADUATE EFL STUDENTS
By	Mrs. Teresita J. Bunyakarte
Field of Study	English as an International Language
Thesis Advisor	Associate Professor Sumalee Chinokul, Ph.D.

---

Accepted by the Graduate School, Chulalongkorn University in Partial  
Fulfillment of the Requirements for Doctoral Degree

.....Dean of the Graduate School  
(Associate Professor Pornpote Piumsomboon, Ph.D.)

#### THESIS COMMITTEE

.....Chairman  
(Associate Professor Supanee Chinnawongs, Ph.D.)  
..... Thesis Advisor  
(Associate Professor Sumalee Chinokul, Ph.D.)  
..... Examiner  
(Associate Professor Punchalee Wasanasomsithi, Ph.D.)  
..... Examiner  
(Jutarat Vibulphol, Ph.D.)  
..... External Examiner  
(Associate Professor Sumitra Angwatanakul, Ph.D.)

นางเทเรสิตา บุณยเกียรติ : การพัฒนารายวิชาการอ่านภาษาอังกฤษเชิงธุรกิจ โดยใช้การสอน เชิงเน้น เนื้อหา และรูปแบบการเรียนแบบทีม ในการพัฒนาความสามารถด้านการอ่านของ นักศึกษาระดับปริญญาบัณฑิต ที่เรียนภาษาอังกฤษเป็นภาษาต่างประเทศ (A Development of a Business-Oriented English Reading Course Using Content-Based Instruction and Team-Based Learning to Enhance the Reading Ability of Undergraduate EFL Students) อ.ที่ปรึกษา: รศ.ดร.

สุมาลี ชื่โนกุล, 406 หน้า

งานวิจัยนี้มีจุดผุ่งหมาย ดังนี้ (1) เพื่อพัฒนารายวิชาการอ่านภาษาอังกฤษเชิงธุรกิจ โดยการใช้ การสอนเชิงเน้นเนื้อหา และรูปแบบการเรียนแบบทีม เพื่อพัฒนาความสามารถด้านการอ่าน ภาษาอังกฤษของนักศึกษาระดับปริญญาบัณฑิต (2) เพื่อศึกษาประสิทธิภาพของรายวิชาการอ่าน ภาษาอังกฤษ โดยการใช้การสอนเชิงเน้นเนื้อหา และรูปแบบการเรียนแบบทีม เพื่อพัฒนา ความสามารถในการอ่านภาษาอังกฤษของนักศึกษาเป็นรายบุคคล กลุ่มประชากรที่ผู้วิจัยใช้ในการ วิจัยนี้ ได้แก่นักศึกษาปริญญาบัณฑิต ชั้นปีที่ 2 ของมหาวิทยาลัยอัสสัมชัญ การวิจัยนี้ เป็นการวิจัย โดยใช้แบบทดสอบก่อนการทดลองและหลังการทดลอง กับนักศึกษากลุ่มเดียว และใช้คะแนน ระหว่างการเรียนและหลังการเรียนทดสอบ Business Language Test Service, (BULATS) และ Readiness Assessment Tests, (RATs) เป็นข้อมูลเชิงปริมาณ ส่วนข้อมูลเชิงคุณภาพ ผู้วิจัยได้ข้อมูล จากแบบสอบถามชนิดปลายเปิด และบันทึกประจำวันของนักศึกษา

ผลจากการวิจัยสรุปได้ว่า การพัฒนา 4 กลุ่มรายวิชา 17 บทเรียนการอ่านภาษาอังกฤษเชิง ธุรกิจ โดยใช้การสอนเชิงเน้นเนื้อหาและรูปแบบการเรียนแบบทีมซึ่งเป็นรายวิชา มีประสิทธิภาพ และเมื่อนำรายวิชาดังกล่าวไปใช้ในสภาพจริงพบว่า (1) คะแนนเฉลี่ยของแบบทดสอบก่อนและหลัง การวิจัย แสดงว่า ความสามารถในการอ่านภาษาอังกฤษของนักศึกษามีความแตกต่างอย่างมี นัยสำคัญทางสถิติที่ระดับ 0.05 ค่าความแตกต่างในระดับกลางที่ 0.40 (2) คะแนนเฉลี่ยของ นักศึกษารายบุคคลและแบบทีมจากการทดสอบระหว่างการเรียน แบบทดสอบของ RAT แสดงให้ เห็นว่าคะแนนเฉลี่ยจากแบบทดสอบครั้งหลังสุด สูงกว่าคะแนนจากการทดสอบก่อนๆ อย่างมี นัยสำคัญทางสถิติที่ระดับ 0.05 และ ผลสรุปจากแบบสอบถามนักศึกษา แสดงให้เห็นว่าคะแนน เฉลี่ยของทุกข้อคำถามสูงกว่า 3.0 จากค่าคะแนนเต็ม 4.0 ซึ่งแสดงให้เห็นว่า นักศึกษาในระดับ ปริญญาบัณฑิต ชั้นปีที่ 2 ของมหาวิทยาลัยอัสสัมชัญเรียนรายวิชาการอ่านภาษาอังกฤษธุรกิจ มี ทัศนคติเชิงบวกต่อการเรียนรายวิชาการอ่านภาษาอังกฤษเชิงธุรกิจที่ใช้การสอนเชิงเน้นเนื้อหาและ รูปแบบการเรียนแบบทีมจากการวิจัยดังกล่าว สรุปได้ว่า รายวิชาการอ่านภาษาอังกฤษเชิงธุรกิจใช้ การสอนเชิงเน้นเนื้อหาและรูปแบบการเรียนแบบทีม ของนักศึกษาในระดับปริญญาบัณฑิต ชั้นปีที่ 2 มหาวิทยาลัยอัสสัมชัญ ที่เป็นรายบุคคล และแบบทีม พัฒนาความสามารถเพิ่มขึ้น

**# # 4789661320: MAJOR ENGLISH AS AN INTERNATIONAL LANGUAGE**  
**KEYWORDS: COURSE DEVELOPMENT/ CONTENT-BASED INSTRUCTION/**  
**TEAM-BASED LEARNING/ READING ABILITY**

TERESITA J. BUNYAKARTE: A DEVELOPMENT OF A BUSINESS-ORIENTED ENGLISH READING COURSE USING CONTENT-BASED INSTRUCTION AND TEAM-BASED LEARNING TO ENHANCE THE READING ABILITY OF UNDERGRADUATE EFL STUDENTS. THESIS  
 ADVISOR: ASSOC. PROF. SUMALEE CHINOKUL, Ph.D, 406 pp.

This study aimed to (1) develop a business-oriented English reading course using CBI and TBL to enhance the reading ability of EFL undergraduate students, (2) investigate the effectiveness of the course in enhancing the reading ability of the students individually and as a team. The population was second year undergraduate students of Assumption University. The study was a research with one-group pretest-posttest design. The pre-test and post-test scores on the BULATS, the formative RAT tests and the questionnaire yielded quantitative data. Qualitative data were obtained from the open-ended questions in the questionnaire and student diaries. The findings showed that the developed course consisted of four themes and seventeen lessons was effective in enhancing the reading ability of the students. When the CBI-TBL Business-Oriented English Reading Course was implemented with the students, the findings were as follows: (1) the students' reading ability scores gained from the posttest taken after they had been exposed to the CBI-TBL Business-Oriented English Reading Course that used content-based instruction and team-based learning were significantly higher than the scores gained from the pretest at .05 level, yielding a medium effect size at 0.40; (2) the students' English reading ability scores in the final formative test were significantly higher than those in the previous ones at .05 level when they performed individually and as a team, and (3) the overall findings from the student questionnaire showed that the mean scores of all items were higher than 3.0 from a 4-point Likert scale, indicating positive opinions of the students about the CBI-TBL English Reading Course. In conclusion, the findings show that the CBI-TBL Business-Oriented English Reading Course improved the reading ability of the students individually and as a team.

Field of Study: English as an International Language

(Interdisciplinary Program)	Student's Signature .....
Academic Year: 2008	Advisor's Signature .....

## Acknowledgements

I would like to acknowledge the scholars and authors on whose works I have drawn. I am deeply indebted to Assumption University for the assistance that they had provided me before, during and after my studies. I would like to thank Mr. Kamol Kitsawad, The Registrar, Assumption University, Assoc. Prof. Dr. Linchong Chorrojprasert, Dean, Faculty of Arts, Dr. Raman Shashi Kumar, Chairperson, Department of English, and Dr. Soe Than, Deputy Chairperson, Department of English for their support in implementing the CBI-TBL Business-Oriented English Reading Course.

My heartfelt gratitude goes to Associate Professor Dr. Sumalee Chinokul, my research advisor, for her tireless assistance, for being a constant source of guidance, practical and moral support, and encouragement. I sincerely would like to say to Associate Professor Dr. Sumalee Chinokul, “Without you, your expertise and flexibility, there would have been no dissertation. Thank you so much.” I am thankful to the professors who went above and beyond the call of duty in bringing to life this dissertation: the research committee chairman, Associate Professor Dr. Supanee Chinnawongs, the committee members: Associate Professor Dr. Sumitra Angwatanakul, Assoc. Professor Panchalee Wasanasomsithi and Dr. Jutarat Vibulphol. I am grateful to the professors who validated the instruments for the study: Assoc. Prof. Dr. Suphat Sukamolson, Asst. Prof. Dr. Jirada Wudthayagorn, Dr. Chatraporn Piamsai, Prof. Dr. Achara Wongsotorn, Asst. Prof. Dr. Chansongklod Gajaseni Suthipibul, Dr. Soe Than, Asst. Prof. Dr. Kulaporn Hiranburana, Assoc. Prof. Dr. Prakaikeaw Opanon-Amata, and Asst. Prof. Dr. Linchong Chorrojprasert. Too, I am grateful to Assoc. Prof. Dr. Antika Rongsa-Ard for her critical feedback and kind support and to Dr. Nirada Simargool for her valuable comments. I am sincerely thankful to Acharn Arlan Parreno for sharing with me his knowledge of statistics and to my dear friends Takwa, Joy, Dr. Laura, Acharn Enriqueta, Acharn Tonnaya, Acharn Theresa, Acharn Anita, Acharn Delia, Acharn Sheila and Acharn Yin Mae Khin. I also thank Kathy, Khun Kik, Khun Ohm, Khun Maew, my family members and the students who participated in the study. Then there is my husband. My deep gratitude goes to him for being patient and supportive. My son, I thank him for his help, for being there, for being my inspiration. I thank my father and my mother who planted in me the passion for reading. I pay homage to them- and to them, I dedicate this work.

## CONTENTS

	PAGE
Abstract (in Thai) .....	iv
Abstract (in English) .....	v
Acknowledgements.....	vi
Table of Contents .....	vii
List of Tables.....	xvi
List of Figuresx .....	viii
CHAPTER 1 Introduction .....	1
1. Background of the Study .....	1
2. Statement of the Problem .....	1
3. Objectives of the Study.....	11
4. Research Questions .....	11
5. Statement of Hypotheses .....	12
6. Scope of the Study .....	13
6.1 Population.....	13
6.2 Variables .....	13
7. Definition of Terms.....	13
8. Significance of the Study.....	18
9. Overview of the Study .....	19
CHAPTER II Literature Review .....	20
Introduction .....	20
1. Content-Based Instruction.....	20
1.1 Characteristics of Content-Based Instruction.....	20
1.2 Working with Authentic Materials .....	21
1.3 The Content-Language Continuum.....	22
1.4 Theme-Based Language Instruction .....	24
1.5 Problems and Limitations of Content-Based Syllabus .....	25
1.6 The Six T's Approach to Content-Based Instruction.....	25
1.6.1 Themes.....	26
1.6.2 Type of Texts.....	27

1.6.3 Topics.....	27
1.6.4 Threads.....	28
1.6.5 Tasks.....	29
1.6.6 Transitions.....	30
1.7 Design Criteria for the Six T's Approach.....	31
1.8 Summary of Content-Based Instruction .....	31
2. Subject Content and English for Specific Purposes.....	32
2.1 Definition of ESP .....	33
2.2 English for Business Purposes (EBP).....	35
2.3 A Definition of Business English.....	35
2.4 EBP and EAP in Language Teaching .....	36
2.5 The Problem of Category .....	37
2.6 Summary of Subject Content and English for Specific Purposes (ESP)....	38
3. Group Learning .....	39
3.1 Cooperative Learning.....	40
3.2 Cooperative Learning and Team-Based Learning .....	40
3.3 Peer Teaching.....	41
3.4 Team-Based Learning.....	42
3.5 Team-Based Learning Classroom: Training Ground for the Workplace ...	44
3.6 Team-Based Learning for Classroom Management in a Reading Class ....	45
3.7 The Readiness Assurance Process (RAP) .....	45
3.8 Ensuring Team Success .....	45
3.9 Opposition to Cooperative Learning and Team-Based Learning .....	46
3.10 Research on Team-Based Learning .....	46
3.11 Benefits of Team-Based Learning .....	48
3.12 Team Work Skills in Organizations.....	49
3.13 Group Learning in the Reading Classroom.....	50
3.14 Summary of Group Learning .....	50
4. Vygotsky's Social Constructivism.....	53
4.1 The Zone of Proximal Development (ZPD).....	53
4.2 The More Knowledgeable Other (MKO) .....	54
4.3 The Four-Stage Zone of Proximal Development .....	55
4.4 Application of Vygotsky's Social Constructivism.....	56
4.5 Learning as a Social Act.....	56

4.6 Scaffolding through Comprehensible Input .....	57
4.7 Summary of Vygotsky's Social Constructivism .....	58
5. The Nature of Reading Abilities .....	59
5.1 Reading Processes.....	60
5.2 Social Constructivism and the Nature of Reading .....	61
5.3 Cognitive and Interactive Theories in Second Language Reading.....	62
5.4 Models of Reading.....	63
5.4.1 The Bottom-Up Model.....	63
5.4.2 The Top-Down Model .....	64
5.4.3 The Interactive Model.....	65
5.5 Research on L1 and L2 Reading Comprehension.....	66
5.6 Research on Reading Comprehension and Schemata.....	67
5.7 Theoretical Justification for Schema Inclusion.....	68
5.8 Reading Skills and Strategies .....	69
5.9 The Teaching of Reading .....	70
5.10 The Disadvantages of Group Work in Reading .....	73
5.11 Guides for Levels of Comprehension.....	73
5.12 Reading Assessment Using Bloom's and Barrett's and Others' Taxonomies .....	74
5.12.1 The Benefits of the Readiness Assessment Tests (RATs) in Team-Based Learning.....	76
5.13 Summary of the Nature of Reading Abilities.....	77
6. Course Development.....	79
6.1 Framework of Course Development.....	80
6.2 Summary of Course Development .....	81
Chapter Summary.....	81
 CHAPTER III Methodology .....	84
Research Phases .....	84
Phase I: The Development of a Business-Oriented English Reading Course Using Content-Based Instruction and Team-Based Learning to Enhance the Reading Ability of EFL Undergraduate Students.....	85
Stage1: Exploring, Studying and Synthesizing Theoretical Underpinnings, ..	

Pedagogical Principles, Research and Related Literature to Determine the Theoretical Framework.....	86
Stage 2: Conducting Needs Analysis .....	88
Stage 3: Designing the Course.....	89
3.1 Specifying Objectives .....	90
3.2 Steps in Organizing Content Using the Six T's Approach.....	91
3.2.1 Step 1: Establishing Content.....	91
3.2.1.1 Establishing Themes .....	92
3.2.1.2 Choosing Reading Texts.....	92
3.2.1.3 Choosing Text for the Reading Assessment Tests (RATs).....	94
3.2.1.4 Formulating Topics .....	95
3.2.2 Step 2: Selecting Possible Threads.....	97
3.2.3 Step 3: Making Decisions about Sequencing .....	99
3.2.4 Step 4: Teaching Building Up Own Knowledge.....	100
3.2.5 Step 5: Specifying Core Objectives for Each Theme.....	101
3.2.6 Step 6: Designing Tasks.....	101
3.2.7 Step 7: Determining Transitions.....	103
3.2.8 Step 8: Fine Tuning of Theme Units.....	105
Stage 4: Designing the CBI-TBL Reading Instructional Process .....	107
Stage 5: Designing the Assessment Plan .....	109
Stage 6: Development and Validation of Instructional Instruments.....	110
6.1 Determining the CBI-TBL Reading Model.....	110
6.2 Constructing the CBI-TBL Model Lesson Plan .....	111
6.2.1 Validation of the CBI-TBL Model Lesson Plan.....	113
6.3 Construction and Validation of the CBI-TBL Business-Oriented English Reading Lesson Plans and Instructional Materials.....	116
6.3.1 Constructing Lesson Plans.....	116
6.3.2 Validation of Lesson Plans .....	116
Phase II The Implementation and Evaluation of the Effectiveness of the CBI-TBL Business-Oriented English Reading Course.....	120
Stage 1: Preparing for the Experiment.....	120
1.1 Determining the Research Design.....	120
1.2 Specifying the Population.....	121

1.3 Determining the Sample .....	122
Stage 2: Preparing the Research Instruments .....	124
2.1 Preparing the BULATS Test for Pretest and Posttest .....	124
2.2 Preparing the Student Questionnaire.....	126
2.2.1 Validation of the Questionnaire.....	127
2.2.2 Pilot Testing of the Questionnaire.....	127
2.3 Preparing the Readiness Assessment Tests (RATs).....	128
2.3.1 Validation of RATs .....	129
2.4 Student Diaries .....	130
Stage 3: Data Collection .....	131
3.1 Administering the Pretest.....	131
3.2 Implementing the CBI-TBL Business-Oriented English Reading Course.....	132
3.3 Collecting Student Diaries .....	136
3.4 Administering the Reading Ability Test: Readiness Assessment Tests (RATs).....	136
3.5 Administering the Posttest.....	137
3.6 Administering the CBI-TBL Student Questionnaire.....	137
Stage 4: Data Analysis .....	138
Chapter Summary.....	140
 CHAPTER IV Research Findings.....	141
Phase 1: Course Development Result .....	141
1.1 Context and Rationale of the Course .....	141
1.2 The CBI-TBL Business-Oriented English Reading Course Components .....	142
1.2.1 Objectives of the Course.....	142
1.2.2 Content.....	143
1.2.2.1 Themes .....	143
1.2.2.2 Texts.....	144
1.2.2.3 Topics.....	144
1.2.2.4 Tasks .....	145
1.2.2.5 Threads.....	145
1.2.2.6 Transitions .....	145

1.2.3 Instructional Process .....	146
1.2.4 Materials .....	146
1.2.5 Assessment of Student Learning .....	146
Phase II: Course Implementation and Evaluation Results.....	147
2.1 Students' EFL Reading Ability in Pretest and Posttest .....	147
2.1.1 Pretest and Posttest Results .....	148
2.1.2 The Effect Size of the Pretest and Posttest Mean Scores .....	149
2.2 Students' EFL Reading Ability Individually and as a Team in RATs.....	150
2.2.1 Comparison of Students' Reading Ability Individually and as a Team Across RATs.....	150
2.2.1.1 Individual Mean Scores .....	151
2.2.1.2 Team Mean Scores.....	153
2.2.2 Percentage of Students' Reading Ability Individually on Three Levels.....	155
2.3 Quantitative and Qualitative Analysis from the CBI-TBL Student Questionnaire.....	156
2.3.1 Quantitative Analysis from the CBI-TBL Student Questionnaire.....	157
2.3.1.1 Students' Overall Opinion of the CBI-TBL Business- Oriented Reading Course.....	157
2.3.1.2 Students' Opinion about the Learning Activities .....	159
2.3.1.3 Students' Opinion about the Team-Based Learning Process .....	159
2.3.1.4 Course Materials .....	162
2.3.1.5 Vocabulary Learning in the Course .....	164
2.3.1.6 Interpersonal Skills.....	164
2.3.1.7 The Role of the Teacher and Relationship with the Students.....	165
2.3.1.8 Consistency of Students' Opinions .....	167
2.3.2 Qualitative Analysis from the CBI-TBL Student Questionnaire.....	167
2.3.2.1 Students' Positive Comments.....	169
2.3.2.2 Students' Negative Comments .....	169

2.3.3 Qualitative Analysis from the Student Diary .....	170
2.3.3.1 Students' Perception of their Own Reading Progress.....	171
2.3.3.2 Students' Opinion about the Business-Oriented Materials in Class .....	171
2.3.3.3 Students' Overall Opinion about the CBI-TBL Reading Instructional Process .....	171
2.3.3.3.1 Schema Activation .....	171
2.3.3.3.2 Sustained Silent Reading in Class.....	172
2.3.3.3.3 Individual RAT.....	172
2.3.3.3.4 Team RAT .....	172
2.3.3.3.5 Immediate Team Feedback.....	173
2.3.3.3.6 Appeals Process.....	173
2.3.3.3.7 Application of Content Learned.....	173
2.3.3.3.8 Overall Attitude towards the Team-Based Class.....	174
Chapter Summary.....	174
 CHAPTER V Summary, Discussion, Implications and Recommendations .....	176
Introduction .....	176
1. Summary of the Study .....	176
1.1 Research Objectives.....	176
1.2 Research Hypotheses .....	176
1.3 Research Procedure.....	177
Phase I .....	177
Phase II.....	180
2. Research Findings .....	182
2.1 Result from Course Development.....	182
2.2 Effectiveness of the Developed Course .....	183
3. Discussion.....	183
3.1 Result of the Course Development .....	183
3.2 Discussion of the Effectiveness of the Course .....	185
3.2.1 Findings from the Pretest and Posttest.....	185
3.2.1.1 Schema in the CBI-TBL Business-Oriented English Reading	

Course.....	185
3.2.1.2 Comprehensible Input and Sustained Silent Reading in Class .....	186
3.2.1.3 Connection to Real-Life Situations.....	187
3.2.1.4 Topic Familiarity.....	187
3.2.1.5 Top-Down and Bottom-Up Strategies .....	188
3.2.2 The Result from the Readiness Assessment Tests (RATs) .....	188
3.2.3 The Result Concerning the Students' Opinion about the CBI-TBL Business-Oriented English Reading Course.....	192
4. Pedagogical Implications.....	193
4.1 CBI-TBL in the EFL Reading Classroom .....	193
4.2 Design of Team Task .....	193
4.3 Team Work Skills .....	194
4.4 Vocabulary Learning .....	194
4.5 Linguistic Benefits.....	195
4.6 Possible Difficulties .....	196
4.7 Logistical Issues .....	196
5. Recommendations for Future Research.....	196
6. Limitations of the Study .....	197
Conclusion.....	197
 References.....	199
 Appendices .....	221
Appendix A: Reading Taxonomies.....	222
Appendix B: Topic Checklist .....	224
Appendix C: Topic Checklist Result .....	226
Appendix D: Readability and Learnability Checklist.....	228
Appendix E: RAT Text Selection .....	231
Appendix F: CBI-TBL Course Syllabus.....	259
Appendix G: Sample Quick Text Report.....	274
Appendix H: Holistic Rubric for Grading the Application Task of RAT .....	277
Appendix I: CBI-TBL Student Questionnaire.....	279
Appendix J: Sample Mini-RAT .....	287

Appendix K: Peer Evaluation Sheet.....	292
Appendix L: Result of the Validation of the Model Lesson Plan .....	293
Appendix M: CBI-TBL Long Range Lesson Plan.....	298
Appendix N: The CBI-TBL Model Lesson Plan, Text Materials for Schema Activation and Mini-RAT.....	314
Appendix O: The BULATS Test .....	341
Appendix P: Result of First Round of Validation of Student Questionnaire .....	359
Appendix Q: Sample RAT Questions.....	360
Appendix R: Validation of RATs.....	363
Appendix S: RAT Reliability Test.....	390
Appendix T: List of ESL/EFL Experts Who Have Validated the Research Instruments .....	394
Appendix U: General Linear Model ( Univariate Approach) .....	395
Appendix V: Students' Positive Comments .....	399
Appendix W: Students' Negative Comments.....	399
Appendix X: Students' Perception of their Own Reading Progress .....	400
Appendix Y: Students' Opinion About the Business-Oriented Material in Class.....	400
Appendix Z: Students' Opinion about the CBI-TBL Reading Instructional Process .....	401
Biography .....	406

## List of Tables

Table 1: Examples of Themes .....	26
Table 2: Type of Texts .....	27
Table 3: Examples of Topics.....	28
Table 4: Examples of Threads.....	29
Table 5: Examples of Tasks.....	30
Table 6: Transition of Activities .....	31
Table 7: Reading Process Activated while Reading .....	61
Table 8: CBI-TBL Business-Oriented English Reading Course Goal and Objectives.....	91
Table 9: List of Reading Texts Used in the CBI-TBL Business-Oriented English Reading Course .....	93
Table 10: Texts Used for the Readiness Assessment Tests (RATs).....	94
Table 11: Topics Used in the CBI-TBL Business-Oriented English Reading Course.....	95
Table 12: Decisions about Sequencing the CBI-TBL Business- Oriented English Reading Course .....	98
Table 13: Examples of Transitions .....	101
Table 14: Guideline for Constructing the CBI-TBL Model Lesson Plan Based on TBL's Instructional Activity Sequence .....	108
Table 15: The CBI-TBL Business-Oriented English Reading Course Instructional Sequence and Learning Activities .....	114
Table 16: Research Design .....	116
Table 17: Sample Selection for Grouping .....	120
Table 18: BULATS Organization .....	121
Table 19: Organization of the RAT Test .....	124
Table 20: Summary of Data Collection and Analysis .....	134
Table 21: $\bar{X}$ , SD, t-test of thePretest and Posttest Reading Scores of Students .....	143
Table 22: The Effect Size of the Pretest and Posttest Mean Scores.....	144
Table 23.1: Mauchly's Test of Sphericity (Individual Mean Scores).....	146
Table 23.2: Tests of Within-Subjects Effect (Individual Mean Scores).....	146
Table 23.3: Mean Scores of Individual RATs.....	146
Table 23.4: Pairwise Comparison (Individual Mean Scores).....	147
Table 24.1: Mauchly's Test of Sphericity (Team Mean Scores) .....	147
Table 24.2: Tests of Within-Subjects Effects (Team Mean Scores).....	148
Table 24.3: Mean Scores of Team RATs .....	148
Table 24.4: Pairwise Comparisons (Team Mean Scores).....	148
Table 25: Percentage of Individual RAT Mean Scores on Three Levels .....	149
Table 26: Percentage of Team RAT Mean Scores on Three Levels.....	150
Table 27: $\bar{X}$ and SD of Student's Overall Opinion of the CBI-TBL English Reading Course .....	152
Table 28: $\bar{X}$ and SD of Students' Opinion about the Learning Activities .....	153
Table 29: $\bar{X}$ and SD of Students' Opinion about the Team-Based Learning Process .....	153
Table 30: $\bar{X}$ and SD of Students' Opinion about the Course Materials .....	156
Table 31: $\bar{X}$ and SD of Students' Opinion about the Vocabulary Learning in	

the Course .....	157
Table 32: $\bar{X}$ and SD of Students' Opinion about the Development of Interpersonal Skills in the Course .....	158
Table 33: $\bar{X}$ and SD of Students' Opinion about the Role of the Teacher and Relationship with the Students .....	158
Table 34: Comparison of the Consistency of Negative and Positive Responses.....	160

## **List of Figures**

	PAGE
Figure 1: Content-Language Continuum .....	23
Figure 2: Diagrammatic Representation of Business Communication.....	36
Figure 3: ESP Classification by Professional Area.....	37
Figure 4: Team-Based Learning Instructional Activity Sequence .....	44
Figure 5: ZPD Four-Stage Process.....	56
Figure 6: Graphic Representation of a Bottom-Up Reading Model .....	64
Figure 7: Graphic Representation of a Top-Down Reading Model.....	65
Figure 8: Graphic Representation of an Interactive Reading Model .....	66
Figure 9: Course Development Processes .....	80
Figure 10: Phases and Stages of the Research.....	85
Figure 11: The CBI-TBL Business-Oriented English Reading Course Theoretical Framework .....	87
Figure 12: An Outline Summarizing the Application of the Six T's Approach .....	103
Figure 13: CBI-TBL Reading Instructional Process.....	105
Figure 14: The CBI-TBL English Reading Model .....	107
Figure 15: Outline of the CBI-TBL Model Lesson Plan .....	111
Figure 16: Research Time Frame .....	117
Figure 17: The Classification of English Reading Groups Based on Pretest Result .....	119