TABLE OF CONTENTS

Chapter 1
INTRODUCTION

Introduction	1
Learnig Styles & Teaching Styles Match & Mismatch	2
Learning Styles in L2 learning	4
Statement of the Problem	6
English Language Situation in Iran	11
Objectives of the Study	13
Research Questions	14
Rationale of the Study	14
Significance of the Study	15
Limitations of the Study	17
Delimiation of the Study	18
Definition of the Terms	18
Learning Styles	18
Teaching Styles	19
Matched /Mismatched Styles Preferences	20

Chapter 2
LITERATURE REVIEW

Introduction	21
Learning Styles Overview	23
Factors Affecting the Learning Styles Preferences	31
Learning Styles & Strategies	34
Relationship Between Styles & Strategies	35
Theoretical Framework	36
Learning Cycles Based on Kolb Model	39
The Huitt Model	49
Input	50
Output	51
Interaction	52
Categorizing Learning Styles Instruments	53
Dunn & Dunn Learning Styles Model	57
Kolb Learning Styles Model	58
Myers-Briggs Learning Styles Model	60
Extroversion versus Introversion (EI)	61
Sensing versus Intuition (SI)	61
Thinking versus Feeling (TF)	61
Judgers versus Perceivers (JP)	62
Felder & Soloman Learning Styles Model	62
Learning Styles & Academic Achievement	66
Teaching Styles Overview	68
Research on Teaching Styles	71

The Good or Successful Language Learner 73
Matching of Learning Styles with Teaching Styles 76
What Are you Matching? 81
What Is the Purpose of Learning? 81
What effect does the Learning content Have? 82
What Other Individual Differences Enter the Equation? 82
What is the evidence that Matching works? 83
Researches on Matching Learning Styles with Teaching Styles 83

Chapter 3
METHODOLOGY
Introduction 90
Procedures of The Study 92
Sampling 94
Instrumentation 96
Instruments 98
Demography Questionnaire Based on Oxford 99
Felder & Soloman Learning Style Inventory 99
Observation 106
Interview 108
The Structure of The Interview 110
Pilot Study 113
Pilot Study Subjects 113
Pilot Test Material 113
Pilot Study Procedures 114
Pilot Study Results 115
Questionnaire Administration 116
Research Procedures 117
Data Collection Via Structured Questionnaire ILS & Demography Questionnaires 117
Data Collection Via Class Observation & Interview 117
Variables 119
Independent Variables 119
Dependent Variable 121
Data Collection Procedures 121
Data Collection Methods 124
Data Analysis 125

Chapter 4
ANALYSIS OF THE DATA
Introduction 127
Learners' Learning Styles Preferences 129
Teachers' Learning Styles Preferences 133
Investigating The Impact Of The Age, Gender, Years Learning English And Parents Education Background On Learning Styles Preferences 135
Gender and Active /Reflective Dimension 135

Gender and Sensing/Intuitive Dimension 136
Gender and Visual/ Verbal Dimension 137
Gender and Sequential/Global Dimension 138
Age and Active /Reflective Dimension 139
Age and Sensing/Intuitive Dimension 140
Age and Visual/ Verbal Dimension 141
Age and Sequential/Global Dimension 142
Years of Learning English and Active /Reflective Dimension 143
Years of Learning English and Sensing/Intuitive Dimension 144
Years of Learning English and Visual/ Verbal Dimension 145
Years of Learning English and Sequential/Global Dimension 146
Parental Educational Background and Active /Reflective Dimension 147
Parental Educational Background and Sensing/Intuitive Dimension 148
Parental Educational Background and Visual/ Verbal Dimension 149
Parental Educational Background and Sequential/Global Dimension 150
Summary 151
Match and Mismatch of Teaching Styles and Learning Styles and Its Impact on EMSs Learners Achievement 151
Relationship Between Matched Teaching - Learning Styles & Achievement (Step 1) 152
Comparison in Achievement Scores Between Matched Teaching-Learning Styles with Mismatched Teaching-Learning Styles for Individual LSPs (Step 2) 152
Achievement Scores and Active /Reflective Dimension 153
Achievement Scores and Sensing/Intuitive Dimension 154
Achievement Scores and Visual/ Verbal Dimension 155
Achievement Scores and Sequential/Global Dimension 156
Comparison in Achievement Scores between Matched Teaching-Learning Styles with Mismatched Teaching- Learning Styles Across all LSPs (Step 3) 156
The Impact of The Independent Variables on Dependent Variable on Learner's Achievements 161
Logistic Regression Analysis (LRA) Result as aWhole 161
Component Analysis: ACT/REF Learning Styles Dimension 163
Component Analysis: Sensing /Intuitive Dimension 165
Component Analysis: Visual/Verbal Dimension 169
Component Analysis: Sequential/Global Dimension 170
Brief Summary 172
Accommodating the Learner's Preferences in Classroom Environment 172
Background 173
Accommodating to Students' Learning Styles? Why Not? Sharing Some Experiences 175
How Practical is the Tailoring of Teaching Styles Based on Learners' Learning Styles 176
Case Study 1 179
Learning Styles Background 179

Aryana's Current & Actual Practice 181
The Importance of Learning Styles in an EFL Context 184
Case Study 2 186
Learning Styles Background 186
Nilo's Current & Actual Practice 190
The Importance of Learning Styles in an EFL Context 193
Case Study 3 194
Learning Styles Background 194
Flora's Current & Actual Practice 197
The Importance of Learning Styles in an EFL Context 199
Case Study 4 201
Learning Styles Background 201
Mina's Current & Actual Practice 203
The Importance of Learning Styles in an EFL Context 204

Chapter 5
RESULTS & DISCUSSION 213

Overview 213

Summarization 215

Findings & Discussion 220
Recommendations & Implication 230
Recommendation For Practice 230
Recommendation For Future Research 232
Conclusion 234
References 236
Appendixes 269

LIST OF FIGURES

Fig 2.1.	Family Tree of Learning Styles	30
Fig 2.2.	Two Ways of Understanding or Transforming Knowledge	38
Fig 2.3.	Kolb's Four Types of Knowledge and Learning Styles	41
Fig 2.4.	Characteristics of The Different Learners in Kolb Classification	42
Fig 2.5.	Adapted & Modified From Model of The Teaching–Learning Process Based on Huitt (2003) Which Displays the Interaction Among the Current Variables Within this Study Scope	53
Fig 2.6.	Displays The Layers of Learning Styles Based on Curry (1981)	54
Fig 2.7.	Five Questions Suggested by Bonham (1989)	80
Fig 3.1.	Study Flow chart	92
Fig 5.1.	Summary of the findings	235

LIST OF THE TABLES

Table 2.1	The relationship between learning style & learning conditions	44
Table 2.2	Learning styles concept based on cognitive center approach	55
Table 2.3	Learning styles concept based on personality center approach	55
Table 2.4	Learning styles concept based on activity center approach	56
Table 2.5	Suggested model by Ellis for learning styles models	56
Table 2.6	Research concerned with instructional setting	84
Table 2.7	Studies Related with the Impact of the Learning Styles & teaching styles match & mismatch	86
Table 2.8	Review of The Studies Done on Matching & Mismatching Teaching Styles & Learning Styles	88-89
Table 3.1	Description of the Subject demographics	96
Table 3.2	Explains the Different Learning Styles Definition Based on Felder & Soloman for ILS dimensions	104
Table3.3	The Flow of the Different Stage in the Interview for Current Research	112
Table 3.4	Results of the Cronbach alpha for pilot study	116
Table 3.5	Time table for the interview & observation	118
Table 3.6	Research questions & data sources entailed	123
Table 4.1	Active /Reflective (ACT/REF) frequencies among the learners	130
Table 4.2	Sensing/Intuitive (SEN/INT) frequencies among the learners	131
Table 4.3	Visual/Verbal (VIS/VER) frequencies among the learners	132
Table 4.4	Sequential/Global (SEQ/GLO) frequencies among the learners	133
Table 4.5	Active/Reflective (ACT/REF) frequencies among the lecturers	134
Table 4.6	Sensing/Intuitive (SEN/INT) frequencies among the lecturers	135
Table 4.7	Visual/ Verbal (VIS/VER) frequencies among the lecturers	135
Table 4.8	Sequential/Global (SEQ/GLO) frequencies among the lecturers	136
Table 4.9	Chi-squared test of difference between males & females across Active/Reflective	137
Table 4.10	Chi-squared test of difference between males & females across Sensing/Intuitive	138
Table 4.11	Chi-squared test of difference between males & females across Visual/Verbal	139
Table 4.12	Chi-squared test of difference between males & females across Sequential/Global	140
Table 4.13	Chi-squared test of difference between group 1 & group 2 across Active/Reflective	141
Table 4.14	Chi-squared test of difference between group 1 & group 2 across Sensing/Intuitive	142
Table 4.15	Chi-squared test of difference between group 1 & group 2 across Visual/Verbal	143
Table 4.16	Chi-squared test of difference between group1 & group 2 across Sequential/Global	144

Table 4.17	Chi-squared test of difference between groups with different English language experience across Active/Reflective	145
Table 4.18	Chi-squared test of difference between groups with different English language experience across Sensing/Intuitive	146
Table 4.19	Chi-squared test of difference between groups with different English language experience across Visual/ Verbal	147
Table 4.20	Chi-squared test of difference between groups with different English language experience across Sequential/Global	148
Table 4.21	Chi-squared test of difference between groups with different Family Educational background across Active/Reflective	149
Table 4.22	Chi-squared test of difference between learners with different Family Educational background across Sensing/Intuitive	150
Table 4.23	Chi-squared test of difference between learners with different Family Educational background across Visual/Verbal	151
Table 4.24	Chi-squared test of difference between learners with different Family Educational background across Sequential/Global	152
Table 4.25	Comparison of Achievement Scores between Matched & Mismatched Teaching-Learning Styles(LSP1)	155
Table 4.26	Comparison of Achievement Scores between Matched & Mismatched Teaching-Learning Styles (LSP2)	156
Table 4.27	Comparison of Achievement Scores between Matched & Mismatched Teaching-Learning Styles (LSP3)	157
Table 4.28	Comparison of Achievement Scores between Matched & Mismatched Teaching-Learning Styles (LSP4)	158
Table 4.29	Means & standard deviations of achievement scores for the Match Groups	160
Table 4.30	Results of the One-way analysis of variance on achievement scores for the Match Groups	160
Table 4.31	Tukey post-hoc comparisons on achievement scores for the Match Groups	161
Table 4.32	The Findings of the impact of the teaching styles & learning styles on learner's achievements	163
Table 4.33	Dependent variable encoding	164
Table 4.34	Categorical Variables coding of the Logistics Regression Analysis	165
Table 4.35	Results of the Logistics Regression Analysis on Achievements Scores	165
Table 4.36	Variables that is not in the equation of the Logistics Regression Analysis	165
Table 4.37	Dependent Variable Encoding of the LRA	166
Table 4.38	Variables in the Equation of Logistics Regression Analysis	166
Table 4.39	Variables that are not available in the equation of the Active/Reflective LRA	167
Table 4.40	Dependent variable encoding	168
Table 4.41	Categorical Variables coding of the Logistics Regression Analysis	168
Table 4.42	Variables in the Equation of Logistics Regression Analysis	169
Table 4.43	Omnibus Tests of Model Coefficients assignment	169
Table 4.44	Model summary	169

Table 4.45	Model if Term Removed	170
Table 4.46	Dependent variable encoding	172
Table 4.47	Variables in the Equation of Logistics Regression Analysis	172
Table 4.48	Variables not in the Equation of the Logistics Regression Analysis	173
Table 4.49	Dependent variable encoding	174
Table 4.50	Categorical variables coding	174
Table 4.51	Variables in the Equation	174
Table 4.52	Variables not in the Equation	174
Table 4.53	Observation & interview on teaching styles (Case study 1)	209
Table 4.54	Observation & interview on teaching styles (Case study 2	210
Table 4.55	Observation & interview on teaching styles (Case study 3)	211
Table 4.56	Observation & interview on teaching styles (Case study 4	212

List of Abbreviation

EFL	English as a Foriegn Language
ESL	English as a Second Language
EMSs	English Major Students
AC	Active dimension (Felder and Soloman)
RE	Reflective dimension (Felder and Soloman)
SEN	Sensing dimension (Felder and Soloman)
INT	Intuitive dimension (Felder and Soloman)
VIS	Visual dimension (Felder and Soloman)
VER	Verbal dimension (Felder and Soloman)
SEQ	Sequential dimension (Felder and Soloman)
GLO	Global dimension (Felder and Soloman)