CONTENTS

		Page
Acknowledgement		c
Abstract in Thai		e
Abstract in English		g
List of Tables		l
List of Figures		p
Statements of Originality in Thai		q
Statements of Originality in English		r
Chapter 1 Introduction		1
1.1	Historical Background	1
1.2	Research Questions	12
1.3	Research Objectives	12
1.4	Scope of the Study	13
1.5	Definitions of Terms	15
1.6	Expected Benefits of the Study	17
Chapter 2 Literature Review		19
2.1	The Basic Education Core Curriculum B.E. 2551 regarding Mathematics Learning Areas in the Lower Secondary Schools	20
2.2	Concepts of Teacher Competency and Mathematics Teacher Competency	26
2.3	Concepts of Evaluation, Evaluation Model Development, Development of Elements and Indicators, and Personnel Evaluation	50
2.4	Concepts of Developing and Enhancing Teacher Competency	82
2.5	Relevant Research	86

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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Chapter 3 Research Methodology 101

3.1 The Analysis of Elements and Indicators of Mathematics Teacher Competency in the Lower Secondary Schools 103

3.2 The Construction and Development of an Evaluation Model of Mathematics Teacher Competency in the Lower Secondary Schools 113

3.3 An Application Result Study on an Evaluation Model of the Mathematics Teacher Competency in the Lower Secondary Schools 132

3.4 Identification of Guidelines to Develop and Enhance the Mathematics Teacher Competency in the Lower Secondary Schools 147

Chapter 4 Research Findings 152

4.1 The Results of the Analysis of Elements and Indicators of Mathematics Teacher Competency in the Lower Secondary Schools 152

4.2 The Construction and Development of an Evaluation Model of Mathematics Teacher Competency in the Lower Secondary Schools 162

4.3 An Application Result Study on an Evaluation Model of the Mathematics Teacher Competency in the Lower Secondary Schools 180

4.4 The Results in Identifying Guidelines to Develop and Enhance the Mathematics Teacher Competency in the Lower Secondary Schools 193

Chapter 5 Summary, Conclusion, and Recommendations 202

5.1 Summary of Study Results 202

5.2 Conclusion of the Study Results 206

5.3 Result Discussion 208

5.4 Recommendations 227

5.5 Suggestions for Further Research 229

References 231

Appendix A 253

Appendix B 264

Curriculum Vitae 272

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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LIST OF TABLES

		Page
Table 3.1	A Questionnaire Sample	111
Table 3.2	Mean, Standard Deviation, and the Opinion Level of the Connoisseurs toward the Quality of a Manual in terms of Utility Standard	126
Table 3.3	Mean, Standard Deviation, and the Opinion Level of the Connoisseurs toward the Quality of a Manual in terms of Feasibility Standard	127
Table 3.4	Mean, Standard Deviation, and the Opinion Level of the Connoisseurs toward the Quality of a Manual in terms of Moral Propriety Standard	128
Table 3.5	Mean, Standard Deviation, and the Opinion Level of the Connoisseurs toward the Quality of a Manual in terms of Accuracy Standard	129
Table 3.6	Mean, Standard Deviation, and the Opinion Level of the Connoisseurs toward the Quality of a Manual in Applying an Evaluation Model of Mathematics Teacher Competency in the Lower Secondary Level	131
Table 3.7	The Analysis Results of Indicators on Mathematics Teacher Competency in the Lower Secondary School between a High and a Low Groups in terms of Competency in Mathematics Learning Managing Skills	136
Table 3.8	The Analysis Results of Indicators on Mathematics Teacher Competency in the Lower Secondary School between a High and a Low Groups in terms of Competency in Students Problem Solving and Self-Development Skills	138
Table 3.9	The Analysis Results of Indicators on Mathematics Teacher Competency in the Lower Secondary School between a High and a Low Groups in terms of Competency in Student Development Skills in Mathematics Learning	139

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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Table 3.10	The Analysis Results of Indicators on Mathematics Teacher Competency in the Lower Secondary School between a High and a Low Groups in terms of Psychological Factors in Developing Students, Virtue, Morality, and Professional Ethics	141
Table 3.11	The Results of Two Mathematics Teacher Competency Evaluation in a Fundamental Field Experimental Group	143
Table 3.12	The Results of Three Mathematics Teacher Competency Evaluation in a Major Field Experimental Group	144
Table 3.13	A Questionnaire Sample	149
Table 4.1	Eigen Values, Covariance Percentage, and Cumulative Percentage of Covariance in Each Element	153
Table 4.2	Factor Loading, Covariance, and Eigen Values of Indicators in Group 1	154
Table 4.3	Factor Loading, Covariance, and Eigen Values of Indicators in Group 2	155
Table 4.4	Factor Loading, Covariance, and Eigen Values of Indicators in Group 3	156
Table 4.5	Factor Loading, Covariance, and Eigen Values of Indicators in Group 4	156
Table 4.6	Factor Loading, Covariance, and Eigen Values of Indicators in Group 5	158
Table 4.7	Factor Loading, Covariance, and Eigen Values of Indicators in Group 6	159
Table 4.8	Factor Loading, Covariance, and Eigen Values of Indicators in Group 7	160
Table 4.9	Factor Loading, Covariance, and Eigen Values of Indicators in Group 8	161
Table 4.10	Evaluation Methods	167
Table 4.11	A Sample Test in Measuring Knowledge in Mathematics Learning Content	167
Table 4.12	A Sample Test in Measuring Knowledge in Mathematics Learning Content Teaching Methods	168
Table 4.13	A Sample Test in Measuring Knowledge in Mathematics Curriculum and Innovation Media Application	168
Table 4.14	A Sample Test in Measuring Knowledge in Curriculum Production and Application	169
Table 4.15	The Indicators That Used Mathematics Teaching Concepts Properly	170
Table 4.16	A Skill Evaluation Form of Indicator 1 regarding Research	171
Table 4.17	A Competency Evaluation Form of Indicator 1 regarding Student Development	172

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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Table 4.18	Competency Evaluation Form on Individual Characteristics, Virtue, Morality, and Professional Ethics	173
Table 4.19	The Analyzed Factor Loading Scores	176
Table 4.20	Interpretation of Knowledge Competency	178
Table 4.21	The Evaluation Criteria for an Observation Form in a Rating Scale	178
Table 4.22	The Interpretation Criteria of Each Indicator Evaluation	178
Table 4.23	Interpretation of Knowledge Competency in Terms of Psychological Factors	179
Table 4.24	Mean, Standard Deviation, and Opinion Levels of Mathematics Teachers, Administrators, Teacher Peers toward Quality of an Evaluation Model of Mathematics Teacher Competency at the Lower Secondary Level in Terms of Utility Standard	180
Table 4.25	Mean, Standard Deviation, and Opinion Levels of Mathematics Teachers, Administrators, Teacher Peers toward Quality of an Evaluation Model of Mathematics Teacher Competency at the Lower Secondary Level in Terms of Feasibility Standard	182
Table 4.26	Mean, Standard Deviation, and Opinion Levels of Mathematics Teachers, Administrators, Teacher Peers toward Quality of an Evaluation Model of Mathematics Teacher Competency at the Lower Secondary Level in Terms of Propriety Standard	183
Table 4.27	Mean, Standard Deviation, and Opinion Levels of Mathematics Teachers, Administrators, Teacher Peers toward Quality of an Evaluation Model of Mathematics Teacher Competency at the Lower Secondary Level in Terms of Accuracy Standard	184
Table 4.28	Connoisseurs' Opinions toward the Evaluation Model Quality	183
Table 4.29	The Evaluation Results of Mathematics Teacher Competency in an Experimental Group of Evaluating the Model Quality	191
Table 4.30	Rater Agreement Index (RAI) of Evaluation Tools in an Evaluation Model of Mathematics Teacher Competency in the Lower Secondary Schools within Five Mathematics Teachers in an Experimental Group for Evaluating Quality of the Model	192

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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Table 4.31 Guidelines in Developing Mathematics Teacher Competency of Knowledge in Mathematics Content, Mathematics Learning Content Teaching Methods, and Foundation in the Lower Secondary Level 194

Table 4.32 Guidelines in Developing Mathematics Teacher Competency of Knowledge regarding Mathematics Curriculum and Curriculum Application 196

Table 4.33 Guidelines in Developing and Enhancing Mathematics Teacher Competency of Learning Management Skills in the Lower Secondary Level 198

Table 4.34 Guidelines in Developing Mathematics Teacher Competency of Psychological Factors in Developing Students, Virtue, Morality, and Teacher Professional Ethics 200

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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LIST OF FIGURES

		Page
Figure 2.1	Conceptual Frame of the Evaluation Mathematics Teacher Competency in the Lower Secondary Schools	100
Figure 3.1	Research Methodology and Development of an Evaluation Model of Mathematics Teacher Competency in the Lower Secondary Schools	102
Figure 4.1	An Evaluation Model of Math Teacher Competency (Lower Secondary)	164

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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ข้อความแห่งการริเริ่ม

1) วิทยานิพนธ์นี้ได้นำเสนอรูปแบบการประเมินสมรรถนะครูคณิตศาสตร์ระดับมัธยมศึกษาตอนต้น โดยพัฒนารูปแบบการประเมินจากแนวคิด ทฤษฎี งานวิจัยที่เกี่ยวข้องผ่านการวิเคราะห์องค์ประกอบและตัวบ่งชี้สมรรถนะครูคณิตศาสตร์ เพื่อพัฒนาเป็นรูปแบบการประเมินสมรรถนะครูคณิตศาสตร์ระดับมัธยมศึกษาตอนต้น ได้ทดลองใช้และศึกษาผลการใช้รูปแบบมีคุณภาพตามมาตรฐาน รวมทั้งหาแนวทางการพัฒนาเสริมสร้างสมรรถนะครูคณิตศาสตร์ระดับมัธยมศึกษาตอนต้น

2) ขอรับรองว่าวิทยานิพนธ์ฉบับนี้ ผู้วิจัยได้ศึกษาและได้รับคำแนะนำจากผู้ทรงคุณวุฒิตามสาขาวิชา อาจารย์ที่ปรึกษาวิทยานิพนธ์ การค้นพบนี้ได้มาจากแหล่งที่มีความน่าเชื่อถือและได้รับการยอมรับ และรับการรับรองว่าวิทยานิพนธ์ฉบับนี้ไม่ได้เป็นวิทยานิพนธ์ที่จะได้รับปริญญาในสถาบันการศึกษาอื่นหรือเพื่อวัตถุประสงค์อื่น

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STATEMENTS OF ORIGINALITY

1) This dissertation proposed an evaluation model of mathematics teacher competency in the lower secondary schools. The evaluation model was developed from concepts, theories, and relevant research via the analysis of elements and indicators on mathematics teacher competency so as to develop the evaluation model of mathematics teacher competency in the lower secondary schools. The model was tried out and its application results were studied on quality and standards. The guidelines of developing and enhancing mathematics teacher competency in the lower secondary schools were identified.

2) This dissertation was certified in that the researcher studied based on advice from connoisseurs specializing in their fields and a dissertation advisor. The research findings were gained from reliable and acceptable sources. This dissertation was also certified in that it was not conducted in order to be a fulfillment of other educational institutions or served other purposes.

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