

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

CHALLENGES ENCOUNTERED AND COPING STRATEGIES OF THE SENIOR HIGH
SCHOOL STATISTICS AND PROBABILITY TEACHERS: BASIS FOR THE
DEVELOPMENT OF CAPABILITY TRAINING DESIGN

A Thesis Presented to the
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In Partial Fulfilment
of the Requirements for the Degree
Master of Arts in Education
(Mathematics)

by

Mary Kirstin M. Magallanes

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APPROVAL SHEET

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Mary Kirstin M. Magallanes

Approved by the Research Committee:

ELIZABETH A. MAGALLANES, Ph. D., Chairperson

ALONA M. BELARGA, Ph. D., Member

MIKKO JAN D. LOPEZ, Ed.D., Outside Expert

DOLLY ROSE F. TEMELO, Ph. D., Adviser

RICKY M. MAGNO, Ph. D.
Dean

December 2022

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Abstract

This qualitative study aimed to determine the challenges encountered and coping strategies of Senior High School Statistics and Probability teachers. It focused on identifying the challenges experienced by the teachers teaching Statistics and Probability and how they managed to cope with the strategies they employed. The study has four phases: (a) research preliminaries, (b) data collection, (c) data analysis, and (d) evaluation of the training design proposal. The six (6) chosen respondents, selected through purposive sampling, were the Senior High School Statistics and Probability teachers from different public schools of the Districts of Kalibo I and II in the Division of Aklan that offers Statistics and Probability in the Senior High School curriculum. Data collection involved a face-to-face/in-depth virtual interview. It was done to capture the experiences of the individual regarding how they managed the struggles they experienced. The following themes emerged: As to the challenges encountered by the teachers (1) inadequate content knowledge, (2) lack of training, (3) student's behavior and capacity, (4) congested learning competencies, (5) workload of teachers, and (6) unavailability of learning resources.

As to the coping strategies of the teachers, the following themes were observed: (1) contextualized learning strategies, (2) game integration, (3) use of positive discipline,

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(4) use of local language, (5) remedial classes, and (6) being resourceful. The results imply that the teachers struggled to teach and understand the topics in Statistics and Probability mainly due to inadequate content knowledge and outdated teaching strategies on how to teach the subject. Thus, curriculum makers and school administrators must organize training for Senior High School Statistics and Probability teachers to develop a comprehensive and contextualized learning kit or supplementary materials to address the challenges they have experienced and to obtain the desired learning outcomes.

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COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

TABLE OF CONTENTS

	Page
Title Page	i
Approval Sheet	ii
Acknowledgment	iii
Abstract	vi
Table of Contents	ix
List of Tables	xii
List of Figures	xiii
List of Appendices	xiv
Chapter	
1 INTRODUCTION TO THE STUDY	1
Background of the Study	2
Epistemological and Theoretical Research Perspective	6
Statement of the Problem	8
Assumptions of the Study	9
Definition of Terms	10
Significance of the Study	11
2 REVIEW OF RELATED LITERATURE	13
Enhanced Basic Education Implementation	14
Teaching Statistics and Probability	19

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

	Statistics Probability in Senior High School	23
	Challenges in Teaching Statistics and Probability	28
	Coping Strategies of Teachers in Teaching Statistics and Probability	32
	Development of Training Design	38
	Summary	42
3	RESEARCH DESIGN AND METHODOLOGY	44
	Methodological Perspective	44
	Context of the Study	46
	Data Gathering Procedure	50
	Ethical Considerations	57
4	PRESENTATION, ANALYSIS, AND INTERPRETATION OF DATA	58
	Challenges Encountered by Senior High School Teachers Teaching Statistics and Probability Learners	59
	Summary Challenges Encountered by Senior High School Teachers Teaching Statistics and Probability	76
	Strategies used by Senior High School Teachers Teaching Statistics and Probability	77
	Connection of the Themes to the Research Questions	88
	In-Service Training Design Proposal	96
	Evaluation Result of the Training Design Proposal	103
5	SUMMARY, CONCLUSIONS, IMPLICATIONS AND RECOMMENDATIONS	108
	Summary of the Problem, Method and Findings	108
	Conclusions	110

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

Implications	111
Recommendations	113
REFERENCES	115
APPENDICES	123

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

LIST OF TABLES

Table		Page
1	Profile of Participants from Public High Schools of Kalibo I and II	50
2	Evaluation of Stakeholders of the Statistics and Probability In-Service Training Design Proposal	106

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

LIST OF FIGURES

Figure		Page
1	Steps on how the Statistics and Probability Teachers cope up with The Challenges Encountered	8
2	The location of Districts of Kalibo I and II Public High Schools	48
3	The Research Flow	56
4	Researcher Conducting Face – to – Face In-depth Interview	70
5	Researcher Conducting Virtual In-depth Interview	82
6	Summary of the Challenges Encountered by the Senior High School Statistics and Probability Teachers	91
7	Summary of the Strategies Used by the Senior High School Statistics and Probability Teachers	93

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

LIST OF APPENDICES

Appendix		Page
A	Letter to the Superintendent	124
B	Letter to the Supervisor	127
C	Letter to the Principal	130
D	Letter to the Participants	132
E	Letter to the Validators of Interview Guide Questions	134
F	Participant's Consent Form	136
G	Interview Guide Questions	138
H	Evaluation Form of In-Service Training Design Proposal	140
I	Statistics and Probability Teaching Capability In-Service Training Design Proposal	142

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WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
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117

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WEST VISAYAS STATE UNIVERSITY
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118

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WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

119

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WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

120

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WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

121

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WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

122

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