



Davao del Sur State College
Brgy. Matti, Digos City, Davao del Sur

Management of Curriculum and Instruction in Teaching Mathematics



Management of Curriculum and Instruction in Teaching Mathematics



TABLE OF CONTENTS

	PAGE
TITLE PAGE	i
TABLE OF CONTENTS	ii
 MODULE 1: Foundations of Curriculum: Definitions, Origins, and Meaning	 1
Lesson 1.1: Value and Significance of Curriculum and Instruction	2
Lesson 1.2: Primitive Education and the Curriculum	6
Lesson 1.3: The Curriculum: Meaning, Nature and Criteria	10
Module Summary	14
Module Assessment	14
References	15
 MODULE 2: Philosophical, Psychological, Social, and Historical Foundations of the Curriculum	 16
Lesson 2.1: Philosophy and the Curriculum	17
Lesson 2.2: The Curriculum: Psychological, Social, and Historical Bases	22
Lesson 2.3: Philosophical Foundations of the Curriculum	28
Module Summary	34
Module Assessment	34
References	35
 MODULE 3: Instructional Principles, Curriculum Development, and Approaches to Curriculum Design	 36
Lesson 3.1: Instructional Principles and the Curriculum	37
Lesson 3.2: Curriculum Development and Educational Objectives	43
Lesson 3.3: Approaches to Curriculum Design	50
Module Summary	56
Module Assessment	57
References	58
 MODULE 4: Philippine Curriculum Development, Syllabus-Making, Learning Theories, and HOTS in Mathematics	 59
Lesson 4.1: Curriculum Development in Philippine Elementary and Secondary Schools	61
Lesson 4.2: Academic Freedom, Syllabus-Making, and the Three Domains	67
Lesson 4.3: Learning Theories and HOTS in Teaching Mathematics	75
Module Summary	83
Module Assessment	84
References	85



APPENDICES

Rubrics for Assessments	86
Course Syllabus	90

