Contents

Preface vii

1	Instructional Objectives and the Instructional Processes	1
	The Rationale for Instructional Objectives and Their Use 2	
	Probing the Validity of Arguments Against Behavioral Goals 9	
	The Relationship of Instructional Objectives to Participants in the Educational Process 23 Summary 28	
	References 28	
2	The General Model of Instruction	32
	Instructional Objectives 35 Preassessment 37	
	Instructional Procedures 37 Evaluation 38	
	Feedback Loop 39 Application of Instructional Objectives to Specified	
	Educational Levels 39 Summary 43	
	References 44	
3	Instructional Objectives	46
	Different Types of Educational Objectives 47 Writing Instructional Objectives 49 Difficulties Encountered in Specifying Objectives 77 Summary 78 References 79	

_		
<u>4</u> ,	Classifying and Sequencing Instructional	
	Objectives: Behavioral Taxonomies and	
	Task Analysis	81
	An Aid to the Preparation of Instructional Objectives 83	
	Cognitive Domain 85	
	A Condensed Version of the Cognitive Domain of the Taxonomy of Educational Objectives 86 Affective Domain 93	
	A Condensed Version of the Affective Domain of the Taxonomy of Educational Objectives 94	
	Psychomotor Domain 103	
	The Classification of Educational Objectives in the Psychomotor Domain 104	
	Implementing Behavioral Taxonomies 109	
	An Aid to the Sequencing of Instructional Objectives 110	
	Summary 118 References 118	
5	Preassessment and Needs Assessment	120
	Preassessment 121	
	Needs Assessment 127 Summary 136	
	References 137	
6	la e ID La	400
ම	Instructional Procedures	138
	Selected Principles for Designing Instructional Procedures 140	
	Some Key Principles of Instruction 150	
	Special Consideration of Instructional Procedures for the Affective Domain 151	
	Summary 153	
	References 155	
7	Evaluation	454
U		156
	Norm-referenced versus Criterion-referenced Evaluation 157	

Implementing a Criterion-referenced Evaluation System 160	
Implementation of a Criterion-referenced System—	
Selected Problems 171	
Mastery Learning 177	
Summary 186	
References 187	
ь A С	
ppendix 🕰: Samples of Instructional	
Objectives	190
PMI Objectives 191	
Educational Psychology 192	
VAE Systems Project 193	•
VAE 5187 Methods and Materials of	
Instruction I 195	
Self-Concept Objectives: Primary Level 197	
Objectives for Attitudes Related to Tolerance:	
Grades 9-12 198	
Sample Instructional Objectives for the Language	
Arts 199	
Appendix B: Program Text Designed to Teach	
Students How to Use Instructional	
Objectives	202
ppendix $\mathbb{C}_:$ Instrumentation of Bloom's and	
Krathwohl's Taxonomies for the Writing of	
Educational Objectives	214
Purpose 215	
Instrumentation 216	
Instrumentation: Affective Domain 220	
, D c	
ppendix D: Sources for Instructional	
Objectives: National Clearinghouses and	
Needs Assessment Materials	223
Index 227	
INGER 777	