



2nd edition

Nutrition Counseling and Education Skill Development

Kathleen D. Bauer
Doreen Liou
Carol A. Sokolik



**International
Edition**

Contents

Preface	xiii	Theory of Planned Behavior	24
CHAPTER 1		Application of the Theory of Planned Behavior	25
Preparing to Meet Your Clients	1	Social Cognitive Theory	25
Introduction	2	Application of the Social Cognitive Theory (SCT)	27
Foundation of Nutrition Counseling and Education	2	Client-Centered Counseling	27
Fundamentals of Food Behavior	2	Cognitive-Behavioral Therapy	28
Understanding an Effective Counseling Relationship	5	Application of Cognitive-Behavioral Therapy	29
Characteristics of Effective Nutrition Counselors	5	Solution-Focused Therapy	29
Understanding Yourself—Personality and Culture	7	Motivational Interviewing	30
Understanding Your Client	10	Integrating Motivational Interviewing with Other Behavior Change Approaches	35
Relationship Between Helper and Client	11	Brief Encounters Using Motivational Interviewing	36
Novice Counselor Issues	12	Summary of Behavior Change Attributes	36
Review Questions	13	CASE STUDY: Helping Relationships	39
Assignment—Build a Collage	13	Review Questions	40
References	13	Assignment—Observation of a Nutrition Counselor	41
CHAPTER 2		Suggested Readings, Materials, and Internet Resources	42
Frameworks for Understanding and Attaining Behavior Change	16	References	43
Introduction	17	CHAPTER 3	
Self-Efficacy	17	Communication Essentials	46
Health Belief Model	18	Introduction	47
Application of Health Belief Model	19	Nutrition Counseling Goals	47
The Transtheoretical Model (Stages of Change Model)	20	Stages of Skill Development	47
Motivational Stages	20	Model of Communication	48
The Transtheoretical Model as a Behavior Change Guide	21	Cultural Influence on Communication	48
Using the Transtheoretical Model to Measure Outcomes	22	Guidelines for Enhancing Counseling Communication Effectiveness	49
Application of the Transtheoretical Model	24	Use Focuses and Intents when Formulating Responses	49
		Use Effective Nonverbal Behavior	53

Harmonize Verbal and Nonverbal Behaviors	54	Nutrition Counseling Protocols: Analysis and Flow of a Counseling Interview and Counseling Session	81
Analyze Nonverbal Behavior of Your Client	54	Involving Phase	81
Communication Roadblocks	55	Greeting	81
Empathy	55	Establish Comfort	82
Basic Counseling Responses	57	Small Talk	82
Attending (Active Listening)	58	Opening—First Session	83
Reflection (Empathizing)	58	Opening—Subsequent Sessions	83
Steps in Reflecting	59	Identifying Client's Long-Term Behavior Change Objectives (General Goals)	83
Legitimation (Affirmation, Normalization)	62	Explain Program and Counseling Process—First Session	83
Respect	62	Discuss Weight Monitoring, If Appropriate—First Session	84
Personal Support	62	Setting the Agenda—First Session	84
Partnership	62	Setting the Agenda—Subsequent Sessions	85
Mirroring (Parroting, Echoing)	62	Transitioning to the Next Phase	85
Paraphrasing (Summarizing)	63	Exploration-Education Phase	85
Giving Feedback (Immediacy)	64	Educational Activities	85
Questioning	64	Assessment—First Session	85
Useful Questions	64	Assessments—Subsequent Sessions	87
Problematic Questions	64	Giving Nonjudgmental Feedback	87
Clarifying (Probing, Prompting)	65	Determining What's Next	87
Noting a Discrepancy (Confrontation, Challenging)	66	Assessing Readiness to Make a Change	88
Directing (Instructions)	67	Resolving Phase	88
Advice	67	Level 1: Not Ready to Change (Precontemplative)	88
Allowing Silence	67	Raise Awareness of the Health Problem and Diet Options	89
Self-Referent (Self-Disclosing and Self-Involving)	68	Personalize Benefits	90
CASE STUDY: Communication Analysis of John's Interactions	69	Ask Key Open-Ended Questions to Explore Importance of Change and Promote Change Talk	90
Review Questions	72	Summarize	90
Exercise 3.4 Answers	72	Offer Professional Advice, If Appropriate	91
Exercise 3.10 Answers	73	Express Support	91
Assignment—Observation and Analysis of a Television Interview	73	Level 2: Unsure, Low Confidence	91
Suggested Readings, Materials, and Internet Resources	74	Raise Awareness of the Benefits of Changing and Diet Options	91
References	74	Ask Key Open-Ended Questions to Explore Confidence and Promote Change Talk	91
CHAPTER 4		Explore Ambivalence by Examining the Pros and Cons	92
Meeting Your Client: The Counseling Interview	76	Imagine the Future	93
Introduction	77		
Nutrition Counseling Models	77		
Nutrition Counseling Motivational Algorithm	78		
Assessing Readiness to Change	79		

Explore Past Successes and Provide Feedback about Positive Behaviors and Abilities	93	Step 2: Select a Physical Activity (PA) Factor	118
Encourage Support Networks	93	Step 3: Determine TEE	118
Summarize Ambivalence	93	Step 4: Adjust for Weight Loss	118
Choose a Goal, If Appropriate	93	Physical Assessments and Healthy Weight Standards	119
Level 3–Motivated, Confident, Ready	93	Weight-for-Height Tables	119
Praise Positive Behaviors	94	Body Mass Index	119
Closing Phase	94	Waist Circumference	120
Framework for Brief Interventions	94	Documentation and Charting	121
Considerations for Acute Care	95	SOAP Format	122
CASE STUDY: Nancy: Intervention at Three Levels of Motivation	95	CASE STUDY: Nancy: Documentation at Three Levels of Motivation	124
Review Questions	98	ADIME Format	125
Assignment—Case Study Analysis	98	Nutrition Care Process	125
Suggested Readings, Materials, and Internet Resources	99	Standardized Language	127
References	99	Step 1: Nutrition Assessment	127
CHAPTER 5		Step 2: Nutrition Diagnosis	128
Developing A Nutrition Care Plan: Putting It All Together	101	CASE STUDY: Nancy: ADIME Documentation–Assessment	128
Introduction	102	Step 3: Intervention	131
Goal Setting	102	CASE STUDY: Nancy: ADIME Documentation–Diagnosis with PES Statement	131
Explain Goal Setting Basics	103	Step 4: Monitoring and Evaluation (M & E)	133
Explore Change Options	103	CASE STUDY: Nancy: ADIME Documentation–Intervention	133
Identify a Specific Goal from a Broadly Stated Goal	104	NCP Documentation and Charting	134
Define Goals	105	CASE STUDY: Nancy: ADIME Documentation–Monitoring and Evaluation	134
Design a Plan of Action	106	Review Questions	134
Investigate the Physical Environment	106	Assignment—Nutritional Assessment	135
Examine Social Support	106	Suggested Readings, Materials, and Internet Resources	137
Review the Cognitive Environment	106	References	138
Explain Positive Coping Talk, If Necessary	106	CHAPTER 6	
Modify Goal, If Necessary	107	Promoting Change to Facilitate Self-Management	140
Select a Tracking Technique	107	Introduction	141
Verbalize the Goal	107	Strategies to Promote Change	141
Write Down the Goal	107	Food Management Tools	141
Dietary Assessment	108	Meal Replacements	141
Step 1: Food Intake Data Collection	108	Detailed Menus and Meal Plans	142
Step 2: Data Analysis	116		
Step 3: Interpretation of Analysis	116		
Energy Determinations	117		
Step 1: Determine Resting Energy Expenditure (REE)	117		

Exchange List for Weight Management	143	Social Network	170
MyPyramid or Dash Food Plan	143	Social Support	170
Goal Setting	143	Social Disclosure	172
Tracking	143	Social Pressures	172
Journaling	144	Stress Management	174
Journaling Alternatives	145	Stress Management Counseling	175
Behavior Change Strategies	145	Relapse Prevention	177
Behavior Chain	146	Immediate Determinants	177
Cue Management (Stimulus Control)	146	Covert Antecedents	178
Countering	147	Relapse Prevention Counseling	178
Reinforcement: Rewards	147	Mindful Eating	180
Contracting	150	Ending the Counseling Relationship	181
Encouragement	151	Preparation for a Conclusion	182
Goal Setting	151	Final Session	182
Modeling	151	Handling Abrupt Endings	183
Problem Solving	152	Counseling Evaluation	183
Cognitive Restructuring	153	Evaluation of Client Progress	184
Education During Counseling	156	Goal Attainment Scale	184
Effective Education Strategies	157	Final Client Evaluation	184
Effective Education Language	157	Evaluation of Counseling	
Positive or Negative Approach	160	Effectiveness and Skills	185
Supporting Self-Management	161	Client Evaluation of Counselor	185
Terminology	161	Assessing Client's Nonverbal Behavior	185
Individualization of Therapy	161	Checking	185
Length and Frequency of		Counseling Checklists (Interview Guides)	185
Counseling Sessions	162	Charting	185
Perception of Quality of Care	162	Videotape, Audiotape, or Observation	
Nonadherence Counselor Issues	163	Evaluations	185
CASE STUDY: Mary: Busy Overweight		CASE STUDY: Amanda: The Busy Sales	
College Student and Mother	163	Representative	186
Review Questions	164	Review Questions	186
Assignment—Food Management		Assignment—Identifying Stress	186
Tool Usage	164	Suggested Readings, Materials,	
Method 1	164	and Internet Resources	187
Method 2	165	References	187
Method 3	166		
Method 4	166		
Suggested Readings, Materials,		CHAPTER 8	
and Internet Resources	166	Physical Activity	190
References	167	Introduction	191
		Physical Activity Initiatives	191
CHAPTER 7		Role of Nutrition Counselor	
Making Behavior Change Last	169	in Physical Activity Guidance	192
Introduction	170	Physical Activity and Fitness	192
		Benefits of Regular Physical Activity	193

Injury Risks Associated with Exercise	195	Cross-Cultural Nutrition Counseling	
Exercise Myths	195	Algorithm	225
Physical Activity Goals	195	Working with Interpreters	225
Moderate Physical Activity	196	Life Span Communication	
Vigorous Physical Activity	196	and Intervention Essentials	225
Methods to Determine Level of Exertion	197	Preschool-Aged Children (2 to 5 Years)	227
Muscular Strength	198	Middle Childhood (Age 6 to 11)	228
Flexibility	198	Adolescence (12 to 19 Years)	229
Barriers to Becoming Physically Active	199	Older Adults	231
Physical Activity Counseling Protocols	199	Eating Disorders	236
Assessments of Physical Activity	199	Weight Bias	236
Physical Activity Status	199	Intervention Essentials	237
Medical Assessment	201	Individuals with Disabilities	238
Motivational Level	201	Mobility Impairment	242
Assessment Feedback	201	Visual Impairment	242
Resolving Phase Protocols	202	Deaf or Hard of Hearing	242
Level 1—Not Ready to Change	202	Speech Disabilities	242
Level 2—Unsure About Changing	205	Invisible Disabilities	242
Level 3—Ready to Change	206	CASE STUDY: Counseling in a	
Level 4—Physically Active	207	WIC Program	243
Issues Pertinent to Physical Activity Goal		CASE STUDY: Activities	243
Setting and Action Plan Development	209	Review Questions	244
Walking Basics	209	Case Study Answers	244
CASE STUDY: Officer Bill	210	Assignment—Conducting an	
Review Questions	210	Interview Across Cultures	244
Assignment—Physical Activity		Suggested Readings, Materials,	
Assessment and Counseling	211	and Internet Resources	247
Suggested Readings, Materials,		References	248
and Internet Resources	213		
References	214		
		CHAPTER 10	
		Group Facilitation	
		and Counseling	252
		Introduction	253
		Communication Styles	253
		Using Questions in a Group	253
		Types of Questions	254
		Facilitating Groups	255
		Preparation	255
		Consensus	257
		Group Management	257
		Group Counseling	260
		Advantages of Group Counseling	260
		Disadvantages of Group	
		Counseling	260
CHAPTER 9			
Communication with			
Diverse Population Groups	216		
Introduction	217		
Gaining Cultural Competence	217		
Reasons to Focus on Cultural			
Competence	217		
Cultural Competence Models	218		
Cultural Competence Continuum	219		
The LEARN Model	219		
The ETHNIC Model	219		
Campinha-Bacote Cultural Competency			
Model for Healthcare Professionals	220		

Group Process	260
Ending	266
Practical Considerations for Successful Groups	268
Evaluation of Group Interactions	269
CASE STUDY: Group Facilitation at a Diabetes Camp for Adolescent Girls	271
Review Questions	271
Assignment—Practice Group Counseling	271
Suggested Readings, Materials, and Internet Resources	273
References	273

CHAPTER 11

Keys to Successful Nutrition Education Interventions 275

Introduction	276
Nutrition Education Settings	276
Keys to Nutrition Education	277
Keys to Success #1—Know Your Audience, Conduct a Thorough Needs Assessment	277
Needs Assessment Categories	277
Data Collection Methods	279
CASE STUDY: Nutrition Education Intervention for a Congregate Meal Program	280
CASE STUDY: Keys to Success #1—Know Your Audience, Conduct a Thorough Needs Assessment	281
Keys to Success #2—Determine Your Educational Philosophy	281
CASE STUDY: Keys to Success #2—Determine Your Educational Philosophy	283
Keys to Success #3—Design Theory-Based Interventions	283
CASE STUDY: Keys to Success #3—Design Theory-Based Interventions	285
Community Level and Planning	
Models: Social Marketing	285
Definition of Social Marketing	285
Basic Principles of Social Marketing	286
Application of Social Marketing	287
Keys to Success #4—Establish Goals and Objectives	287
Goals	288
Objectives	288

Verbs	288
Types of Objectives	288
Cognitive Domain	289
Affective Domain	290
Psychomotor Domain	290
Generalizations	290
Instructional Plan	293
CASE STUDY: Keys to Success #4—Establish Goals and Objectives	293
Review Questions	297
Assignment	297
Suggested Readings, Materials, and Internet Resources	298
References	298

CHAPTER 12

Educational Strategies, Mass Media, and Evaluation 300

Introduction	301
Keys to Success # 5—Provide Instruction Planning and Incorporate Learning Strategies	301
Presentation	302
Discussion	305
Demonstration	305
Visual Aids	305
Action-Oriented Techniques	308
Technology-Based Techniques	309
Learning Domains and Strategies	310
Keys to Success # 6—Develop Appealing and Informative Mass Media Materials	311
Developing Audio and Audiovisual Messages	312
Developing Print Materials	312
Application of Emotion-Based Approach	317
Keys to Success # 7—Conduct Evaluations	319
Planning for an Evaluation	319
Formative Evaluations	320
Summative Evaluations	320
CASE STUDY: Presentation to High School Class	320
Review Questions	321

Assignment—Develop a TV Public Service Announcement	321	Social Media Marketing	339
Suggested Readings, Materials, and Internet Resources	322	CASE STUDY: Interactive Personal Case Study	340
References	323	Review Questions	341
CHAPTER 13		Assignment—Evaluate Your Counseling Effectiveness	341
Professionalism and Final Issues	325	Suggested Readings, Materials, and Internet Resources	342
Introduction	326	References	342
Professionalism	326	CHAPTER 14	
Block One: Foundation Knowledge	327	Guided Counseling Experience	345
Block Two: Evaluation Resources	327	Introduction	346
Block Three: Decisional Aids	328	Developing a Counseling Style	346
Ethics	328	Finding Volunteer Clients	346
Client Rights	328	Goals of the Guided Counseling Experience	346
Confidentiality	328	Skill Goals	347
Procedures and Goals of Counseling	331	Attitude Goals	347
Qualifications and Practices of the Counselor	333	The Four Counseling Sessions	347
Boundary Between Nutrition Counseling and Psychotherapy	333	Preparation for Session 1	347
Referrals	333	Session 1	348
Proper Dress Attire	335	Session 2	349
Starting a Private Practice	335	Session 3	349
Define a Focus	335	Session 4	350
Professional Credentials and Achievements	335	Appendix A DASH Food Plan	370
Learn and Connect	336	Appendix B Body Mass Index	373
Create a Business Roadmap	337	Appendix C Exchange Lists for Weight Management	374
Professional Support Systems	337	Appendix D Lifestyle Management Forms	396
Business Basics	337	Index	433
Marketing Basics	337		
Marketing Plan	338		
Web-Based Marketing	338		