Contents

	List of Anatomical Drawings Preface Acknowledgments	vii x xii
Unit I	Professional and Administrative Aspects of Athletic Training	1
	1 Athletic Training as a Profession Roles of the Athletic Trainer 3 The Sports Medicine Team 5 Becoming a Certified Athletic Trainer 7 Athletic Training Careers 9 National Athletic Trainers' Association 12	3
	2 Administration and Professional Development Legal Issues 16 I Avoiding Legal Problems 17 I Athletic Training Facilities 18 I Preventing Athletic Injuries 20 I Administrative Issues and Documentation 21 I Professional Development 23 I The PREMIER Model 25	15
Unit II	Basics of Human Anatomy and Physiology	29
	Anatomical Position 31 Body Tissues 32 Classification of Joints 35 Movement 35	31
	4 Basics of Tissue Injuries Soft-Tissue Injuries 41 I Bone Injuries 45	41
Unit III	Understanding Athletic Injuries to the Axial Region	53
	Head Injuries Anatomy of the Head 55 Preventing Head Injuries 56 Head Injury Mechanisms 57 Treating Head Injuries 57	55
	6 Facial Injuries Anatomy of the Facial Region 65 ■ Preventing Facial Injuries 69 ■ Treating Eye Injuries and Conditions 69 ■ Treating Ear Injuries 74 ■ Treating Nose Injuries 75 ■ Treating Mouth Injuries 76	65

	ueren है। स्टब्स	Throat and Thorax Injuries Anatomy of the Throat 81 I Anatomy of the Thorax 82 I Preventing Throat and Thorax Injuries 86 I Treating Throat Injuries and Conditions 87 I Treating Thorax Injuries and Conditions 87	81
	8	Abdominal Injuries Anatomy of the Abdomen 93 I Preventing Abdominal Injuries 95 I Treating Abdominal Injuries and Conditions 95	93
	9	Spinal Injuries Anatomy of the Spine 99 Postural Considerations 102 Preventing Spinal Injuries 103 Treating Lumbar Spine Injuries and Conditions 104 Treating Cervical Spine Injuries and Conditions 107	99
Unit IV		derstanding Athletic Injuries to the per Extremity	111
	10	Shoulder Injuries Anatomy of the Shoulder 113 Preventing Shoulder Injuries 115 Treating Shoulder Injuries 116	113
	11	Elbow Injuries Anatomy of the Elbow 123 I Preventing Elbow Injuries 124 I Treating Elbow Injuries and Conditions 125	123
	12	Wrist and Hand Injuries Anatomy of the Wrist and Hand 131 Preventing Wrist and Hand Injuries 133 Treating Wrist and Hand Injuries and Conditions 133	131
Unit V		derstanding Athletic Injuries the Lower Extremity	139
	13	Hip, Pelvis, and Thigh Injuries Anatomy of the Hip, Pelvis, and Thigh 141 I Preventing Hip, Pelvis, and Thigh Injuries 142 I Treating Hip, Pelvis, and Thigh Injuries and Conditions 143	141
	14	Knee Injuries Anatomy of the Knee 147 Preventing Knee Injuries 150 Treating Knee Injuries and Conditions 150	147

	15	Foot, Ankle, and Lower-Leg Injuries Anatomy of the Foot, Ankle, and Lower Leg 157 I Preventing Foot, Ankle, and Lower-Leg Injuries 159 I Treating Foot, Ankle, and Lower-Leg Injuries and Conditions 161	157
Unit VI		abilitation and Reconditioning Athletic Injuries	169
	16	Patient Assessment and Treatment Methods Assessing the Athlete and Documenting the Findings 171 I Phases of Treatment 172 I Therapeutic Modalities 176	171
	17	Reconditioning Programs Strength and Conditioning Principles 189 Types of Muscle Actions 190 Muscular Development Programs 192 Joint Flexibility 193 Exercises for Reconditioning Muscles 194 Cardiorespiratory Conditioning 203 A Word on Safety 206	189
	18	Psychosocial Aspects of Athletic Training Referring an Athlete for Professional Help 210 Relationship Building 213 Practical Suggestions 214	209
Unit VII	Pro	viding Emergency Care	217
	19	Planning for Emergencies Medical Emergency Cards 220 I The Crisis Plan 220 I Practicing the Crisis Plan 224	219
	20	Emergency Assessment and Procedures Primary Assessment 228 Breathing Emergencies 230 Cardiopulmonary Emergencies 232 Hemorrhage 234 Preventing Communicable Disease Transmission 236 Secondary Assessment 237 HIT 237 Specific Conditions 246 PRICES Method 248	227
	21	Environmental Situations and Injuries Heat-Related Problems 253 Cold-Related Problems 258 Severe Weather 260 Bites and Stings 261	253
	22	Stabilization and Transportation of Injured Athletes Equipment Removal 265 Lifting and Moving an Athlete 268	265
Unit VII	I Pre	venting Athletic Injuries	275
		Protective Taping and Wrapping Principles of Taping 277 Taping Techniques 280 Elastic Wrapping Techniques 287	277

	24	Protective Equipment Used in Athletics Protective Equipment for the Head and Face 291 I Protective Equipment for the Upper Body 295 I Protective Equipment for the Lower Body 299	291
Unit IX	Oth	er Athletic Conditions and Concerns	305
	25	Conditions and Illnesses Respiratory Conditions 307 Vascular Conditions 308 Gastrointestinal Conditions 310 Diabetes 310 Epilepsy 313 Arthritis 313 Female Athlete Triad 314	307
	26	Communicable Diseases Defending Against Microorganisms 317 ■ Blood-Borne Conditions 322	317
	27	Common Drugs Used in Athletics Therapeutic Drugs 327 Recreational Drugs 328 Performance- Enhancing Drugs 330 Drug Abuse 331 Drug Testing 332	327
	28	Nutrition and Weight Control Major Nutrients 335 Healthy Diet 340 Caloric Balance 341 Sport Nutrition 342 Popular Nutritional Supplements 344	335
	29	Athletes With Disabilities History of Disabled Sport 347 Orthopedic Disabilities 348 Auditory and Visual Impairments 349 Cardiovascular Disorders 350 Neuromuscular Disorders 350 Assessing Participation Conditions 352 Common Injuries 353	347
	Appe Appe Appe Appe Appe	endix A: Assumption-of-Risk Form endix B: Permission-to-Treat Form endix C: Athletic Injury and Accident Report endix D: Daily Treatment Log endix E: Treatment Progress Chart endix F: Crisis Plan Practice endix G: Emergency Telephone Procedures	355 356 357 358 359 360 362
	Index	ography	363 376 385 395