

Nasm Corrective Exercise Specialist Exam Questions

NASM Study Guide: NASM Personal Training Book & Exam Prep for the National Academy of Sports Medicine CPT Test

Developed for test takers trying to achieve a passing score on the NASM-CPT Exam, this comprehensive study guide includes:

- Quick Overview
- Test-Taking Strategies
- Introduction
- Basic and Applied Sciences and Nutritional Concepts
- Assessment
- Program Design
- Exercise Technique and Training Instruction
- Client Relations and Behavioral Coaching
- Professional Development and Responsibility
- Practice Questions
- Detailed Answer Explanations

Each section of the test has a comprehensive review that goes into detail to cover all of the content likely to appear on the NASM-CPT Exam. The practice test questions are each followed by detailed answer explanations. If you miss a question, it's important that you are able to understand the nature of your mistake and how to avoid making it again in the future. The answer explanations will help you to learn from your mistakes and overcome them. Understanding the latest test-taking strategies is essential to preparing you for what you will expect on the exam. A test taker has to not only understand the material that is being covered on the test, but also must be familiar with the strategies that are necessary to properly utilize the time provided and get through the test without making any avoidable errors. Anyone planning to take the NASM-CPT Exam should take advantage of the review material, practice test questions, and test-taking strategies contained in this study guide.

Eddie Lester has helped more than four thousand personal trainers reach their financial goals and grow their businesses. Now, he wants to help you do the same in this new guide to professional success. In *Business and Sales: The Guide to Success as a Personal Trainer*, Lester takes you through every step needed to secure the sale and net a new client. Like your own journey, the guide starts with one of the most important steps: attaining certification. Passion isn't enough to be a personal trainer; you need to show your clients that you are knowledgeable and trustworthy. The next chapters reveal how to create a personal brand, define your niche, target your most important demographic, hone your selling personality and sales pitch, make an amazing first impression, follow up with each client, and calculate a pricing structure. Lester also outlines business checkpoints to help you gauge your progress. His "Power Questions" can uncover a client's true motivations and empower you to make the sale. The most important concept Lester wants you to learn is discipline. Use the same drive that makes you a successful personal trainer to become just as successful as a business owner.

"This text teaches future sports performance coaches and other trainers how to strategically design strength and conditioning programs to train athletes safely and effectively. You will learn NASM's systematic approach to program design with sports performance program guidelines and variables; protocols for building stabilization, strength, and power programs; and innovative approaches to speed, agility and quickness drills"--Provided by publisher.

What are the biggest obstacles to sticking to a workout plan? You don't have enough time? It costs too much? You don't have enough equipment? You don't know how to get the results you want? Now you can set those excuses aside. *Smarter Workouts:*

The Science of Exercise Made Simple gives you the solution you need with efficient and effective workout programs that use only one piece of equipment. You can work out in a short period of time without spending a lot of money on expensive equipment or gym memberships—all while targeting your personal goals. Exercise doesn't have to be difficult to figure out. In Smarter Workouts, fitness expert Pete McCall explains the effects of exercise on your body so you can identify what will work best for you. He gives you access to fat-burning workouts that help you work smarter to produce real results. First, choose your target: improving mobility for better balance and coordination, strengthening your core for better functional movement, or amping up your metabolism with sweat-inducing conditioning work. Then select one of seven equipment options to perform your workout: Bodyweight Dumbbell Kettlebell Medicine ball Stability ball Sandbag Resistance band Armed with a variety of exercises and organized plans, you'll flow quickly through your workouts, saving precious time and experiencing real results. Put an end to your frustration and let Smarter Workouts be your go-to guide for smart, effective workouts. CE exam available! For certified professionals, a companion continuing education exam can be completed after reading this book. The Smarter Workouts Online CE Exam may be purchased separately or as part of Smarter Workouts With CE Exam, a package that includes both the book and the exam.

The ultimate training resource for athletes and coaches includes more than 262 exercises and drills, programming, and exclusive access to online video library. Assessments provide parameters for individual programs and sport-specific training.

From marketing and sales to budgets, staffing, and clientele issues, The Business of Personal Training walks you through the business-based side of personal training while teaching you the valuable skills you'll need to start, build, and grow your business. Available in the US, Canada, Latin America, and South East Asia (except Japan) only. Not distributed by LWW in Europe.

Exercise Technique Manual for Resistance Training, Fourth Edition With HKPropel Online Video, explains 100 resistance training exercises with step-by-step instructions, photos, and online video demonstrations

The ACE Personal Trainer Manual is an essential study tool for the ACE Personal Trainer Certification Exam and an excellent fitness and exercise resource students will use throughout their health and fitness careers. This Third Edition reflects the latest research findings and industry guidelines in the field of health and fitness. Revised and updated by the original authors and enhanced by the addition of a new chapter on health behavior and psychology, this text covers every aspect of personal training, from anatomy and physiology to injury prevention and legal issues.

Cameron Diaz shares her formula for becoming happier, healthier, and stronger in this positive, essential guide grounded in science and inspired by personal experience, a #1 New York Times bestseller. Throughout her career, Cameron Diaz has been a role model for millions of women. By her own candid admission, though, this fit, glamorous, but down-to-earth star was not always health-conscious. Learning about the inseparable link between nutrition and the body was just one of the life-changing lessons that has fed Cameron's hunger to educate herself about the best ways to feed, move, and care for her body. In The Body Book, she shares what she has learned and continues to discover about nutrition, exercise, and the mind/body connection. Grounded in science and informed by real life, The Body Book offers a comprehensive overview of the human body and mind, from the cellular

level up. From demystifying and debunking the hype around food groups to explaining the value of vitamins and minerals, readers will discover why it's so important to embrace the instinct of hunger and to satisfy it with whole, nutrient-dense foods. Cameron also explains the essential role of movement, the importance of muscle and bone strength and why we need to sweat a little every day. The Body Book does not set goals to reach in seven days or thirty days or a year. It offers a holistic, long-term approach to making consistent choices and reaching the ultimate goal: a long, strong, happy, healthy life.

Hockey Anatomy presents 96 exercises with 68 variations to improve on-ice performance. Highly detailed anatomical drawings highlight muscle groups used during exercise and during game action.

Get Certified - NCSF-CPT is a study guide companion for one of the best Personal Training certification courses in the world. The National Council on Strength and Fitness offers one of the most comprehensive and thorough certification courses that is accredited by the NCCA and accepted by gyms and fitness centers worldwide. The course covers all the essential topics of personal training and provides a long list of scientific resources along the way. The amount of useful information in this course is enough to fill an entire college course. In fact, the NCSF course, textbook and materials is used in college courses as well in many personal training education centers, including the Equinox Academy. The NCSF-CPT course will cover in detail: Functional Anatomy Physiology Biomechanics Training Adaptions Exercise Form Program Design Nutrition Assessment Protocols Safety Guidelines And more... The NCSF-CPT covers all of the information that you will need in order to start a successful career at a personal trainer or fitness professional. 'Get Certified NCSF-CPT' is an excellent tool to help you study more effectively, learn the material and pass the course. Based on the learning techniques shared in the New York Times Bestselling Book, 'Make It Stick: The Science of Effective Learning', author and Certified Personal Trainer, Michael Rosengart, created this study guide companion to help aspiring trainers learn, digest and comprehend the wide scope of the NCSF- CPT course material. This study guide companion is not meant to substitute the course material itself. Instead, this study guide companion is to be used alongside the course material and as a n effective means for taking notes, practicing self-quizzes, creating memory devices and understanding the key concepts on a personal level. Additionally, this study guide companion acts as a reference guide for the aspiring trainer to intermittently revisit throughout the course of the week to keep the concepts fresh in their minds as well as practice some of the training concepts out in the world! Organize important concepts into your own thoughts, intermittently revisit to course material throughout the week, test retention of key terms in flash-card style quizzing and create memory devices to remember key facts and numbers! Be more effective with your study time! Learn the material. Understand the course. Pass the exam. Get Certified! Author Michael Rosengart passed the CPT certification exam with a 90% score.

A fitness guide for breast cancer survivors outlines exercises that can help women stay strong and healthy from diagnosis through treatment and recovery.

This proven program used by today's top athletes, coaches, trainers, and therapists will improve flexibility, reduce injury, and optimize performance. The new edition includes the latest research, new flexibility assessments, new stretching matrix, and

dozens of the most effective stretches to personalize a program for any athlete, sport, or event.

Introduction to Exercise Physiology, identifies the key scientific content that is critically important to the successful practice of exercise physiology. This text focuses on the profession of exercise physiology by introducing students to the scientific basis for the practice of exercise physiology to prevent or control mind-body diseases, promote health and well-being, and enhance athlete performance. The goal of this text is to embrace a new paradigm of exercise physiology as a comprehensive healthcare profession and not as a one-course experience. Introduction to Exercise Physiology is endorsed by The American Society of Exercise Physiologists (ASEP) a national non-profit professional organization committed to the advancement of exercise physiologists. The text emphasizes sound scientific content that will help exercise physiologists design appropriate exercise prescription that focuses on the public health challenges of a sedentary lifestyle. Students will learn the necessary physiologic, electrocardiographic, biomechanic, and anatomic concepts pertinent to prepare for and pass the ASEP Board Certification exam. In addition, the text enables students to understand the ethics of sports nutrition and athletic performance, by examining exercise metabolism, fuel utilization, and cardiovascular functions and adaptations from a non-performance enhancing supplement perspective. Specific physiologic calculations are presented to teach students how to monitor exercise intensity, as well as to improve the safety and credibility of client-specific test protocols, health and fitness training programs, and athletic competitions. To support the "exercise as medicine" approach of the text it is organized into seven major areas: Part I Scientific Aspects of Exercise Physiology Part II Training the Cardiorespiratory and Muscular Systems Part III Training and Performance Part IV Exercise Is Medicine Part V Exercise Biomechanics Part VI Anatomy of Sports and Exercise Part VII The Profession of Exercise Physiology

This is a review manual for candidates wanting an ACSM credential. It combines content from 'ACSM's Health and Fitness Certification Review' and 'ACSM's Clinical Certification Review' into one resource.

"Anthony Carey hits the bull's-eye! Striving for a pain-free lifestyle is a goal we all want to achieve, and this book is a powerful tool to help you attain it." —Bradford Stiles, M.D., Medical Director of California Sports & Industrial Medical Center "Anthony Carey's unique approach to promote the proper function of the whole body in order to support and heal the problematic area delivered the results that made me a lifetime believer. I continue to utilize Anthony's techniques to train and heal my body every day. I only wish I would have found his program earlier in my career." —Erik Kramer, former NFL Quarterback An innovative, therapeutic exercise program to stop the pain for good If you're one of the millions who suffer from chronic back, neck, shoulder, and joint pain, all you can think about is relief. Now, exercise physiologist Anthony Carey presents a breakthrough whole-body approach to pain relief that will help your body function and heal the way it was designed to. The Pain-Free Program shows you how to assess and treat the underlying cause of your pain rather than trying to simply fix your symptom area alone. Carey provides an individualized program for your specific body form, complete with customized exercise routines. This prescriptive guide: Addresses the full range of pain sources, outlining the typical "hot zones" where pain tends to occur and why Presents customized programs based on 6 major body forms identified by the author Features over 100 photographs and illustrations that demonstrate appropriate exercise positions, techniques, and modifications Reveals how you can prevent future injuries The Pain-Free Program gives you the tools you need to get rid of the pain for good—and stay healthy for the rest of your life.

The flagship title of the certification suite from the American College of Sports Medicine, ACSM's Guidelines for Exercise Testing and Prescription is a handbook that delivers scientifically based standards on exercise testing and prescription to the certification candidate, the

professional, and the student. The 9th edition focuses on evidence-based recommendations that reflect the latest research and clinical information. This manual is an essential resource for any health/fitness and clinical exercise professional, physician, nurse, physician assistant, physical and occupational therapist, dietician, and health care administrator. This manual give succinct summaries of recommended procedures for exercise testing and exercise prescription in healthy and diseased patients.

Developed by the National Academy of Sports Medicine (NASM), this book is designed to help people prepare for the NASM Certified Personal Trainer (CPT) Certification exam or learn the basic principles of personal training using NASM's Optimum Performance Training (OPT) model. The OPT model presents NASM's protocols for building stabilization, strength, and power. More than 600 full-color illustrations and photographs demonstrate concepts and techniques. Exercise color coding maps each exercise movement to a specific phase on the OPT model. Exercise boxes demonstrate core exercises and detail the necessary preparation and movement. Other features include research notes, memory joggers, safety tips, and review questions.

An essential preparation book for the ACSM Certified Exercise Physiologist examination, ACSM's Resources for the Exercise Physiologist, 3rd Edition, is an essential volume for certification candidates and practicing Exercise Physiologists looking to boost their exam confidence and achieve success in practice. This updated edition is fully aligned with the eleventh edition of ACSM's Guidelines for Exercise Testing and Prescription and reflects the most current standards and practices in exercise physiology. Published by the American College of Sports Medicine, this practical resource is organized around the scope of ACSM-EP practice domains. A clear introduction to understanding exercise, physical activity, and pre-exercise screening opens the book, followed by thorough coverage of assessment and programming for healthy populations, assessment and programming for special populations, counseling and behavioral strategies for encouraging exercises, and legal, management and professional issues relevant to practice.

NSCA's Guide to Program Design offers the most current information, guidance, and protocols from respected scientists and practitioners with expertise in strength and conditioning program design. Developed by the National Strength and Conditioning Association (NSCA), this text offers strength and conditioning professionals a scientific basis for developing training programs for specific athletes at specific times of year. Straightforward and accessible, NSCA's Guide to Program Design presents a detailed examination of considerations and challenges in developing a program for each key fitness component and fitness performance goal. Editor Jay Hoffman and his team of contributors have assembled an exceptional reference for practicing professionals and a valuable educational resource for new professionals and students preparing for certification. This authoritative text moves beyond the simple template presentation of program design to help readers grasp the reasons and procedures for sequencing training in a safe, sport-specific manner. The text offers 20 tables that are sample workouts or training plans for athletes in a variety of sports, technique photos and instructions for select drills, and a sample annual training plan that shows how to assemble all the pieces previously presented. Plus, extensive references offer starting points for continued study and professional enrichment. NSCA's Guide to Program Design progresses sequentially through the program design process. It begins by examining the athlete needs assessment process as well as performance testing considerations and selection. Next, performance-related information on both dynamic warm-up and static stretching is discussed and dynamic warm-up protocols and exercises are presented. Then it reveals an in-depth by-chapter look at program design for resistance, power, anaerobic, endurance, agility, speed, and balance and stability training. For each, considerations and adaptations are examined, strategies and methods are discussed, and evidence-based information on program development is presented. The final two chapters help you put it all together with a discussion of training integration, periodization,

and implementation. In addition, a sample annual training plan illustrates how to integrate each of the key fitness components into a cohesive yearlong program. As a bonus, a sample annual training plan is provided on our website so you can create your own training plans. The fitness, safety, and performance of athletes reflect the importance of continued education in the science of strength and conditioning. NSCA's Guide to Program Design helps bridge the gap between scientist and practitioner by providing coaches and other strength and conditioning professionals with evidence-based information and applications. Sharing the latest in proven research, NSCA's Guide to Program Design helps readers remain on the cutting edge of athletic performance. NSCA's Guide to Program Design is part of the Science of Strength and Conditioning series. Developed with the expertise of the National Strength and Conditioning Association (NSCA), this series of texts provides the guidelines for converting scientific research into practical application. The series covers topics such as tests and assessments, program design, and nutrition.

ACSM's Clinical Exercise Physiology adapts and expands upon the disease-related content from ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription, 7th Edition, to create a true classroom textbook. This new resource offers research-based coverage of more than 35 conditions commonly seen in practice—from a host of cardiovascular disorders to immunological/hematological disorders. Condition chapters are organized by disease types and then divided into sections that cover specific conditions from a pathological and etiological perspective. To provide a complete view of clinical exercise physiology, the book also covers important considerations and foundational elements, such as screening, pharmacology, and electrocardiography. As an American College of Sports Medicine publication, the text offers the unsurpassed quality and excellence that has become synonymous with titles by the leading exercise science organization in the world.

LIVE BETTER IN YOUR BODY. Pain is an epidemic. It prevents you from performing at your best because it robs you of concentration, power, and peace of mind. But most pain is preventable and treatable, and healing is within your grasp. Hundreds of thousands of people around the globe have taken life "by the balls" and circumvented a dismal future of painkillers, surgeries, and hopelessness by using Jill Miller's groundbreaking Roll Model Method. The Roll Model gives you the tools to change the course of your life in less than 5 minutes a day. You are a fully equipped self-healing organism, and this book will guide you through easy-to-perform self-massage techniques that will erase pain and improve your performance in whatever activities you pursue. The Roll Model teaches you how to improve the quality of your life no matter your size, shape, or condition. Within these pages you will find: Inspiring stories of people just like you who have altered the course of their lives by using the Roll Model Method Accessible explanations of how and why this system works based on the science of your body and the physiological effects of rolling Step-by-step rolling techniques to help awaken your body's resilience from head to toe so that you have more energy, less stress, and greater performance Whether you're living with constant discomfort, seeking to improve your mobility, or trying to avoid medication and surgery, this book provides empowering and effective solutions for becoming your own best Roll Model.

Effective fitness instruction and training programme design require an exercise specialist trainer to combine professional experience with strategies underpinned by scientific evidence. This book allows readers to develop their understanding of the scientific rationale behind important components of personal training, such as monitoring fitness and training programme design. Each chapter synthesizes the findings of cutting-edge scientific research to identify optimum training methods and dispel some myths that are prevalent in the fitness industry. The chapters within this new edition have been written by internationally renowned experts from several disciplines, including strength and conditioning, physiology, psychology, and nutrition. Contributions have also been made from esteemed academics who have conducted

some of the scientific studies discussed within the book. The authors have interpreted and summarised the scientific evidence and produced evidence-based recommendations, allowing readers to explore the latest concepts and research findings and apply them in practice. The book includes several new chapters, such as evidenced based practice (EBP), and designing training programmes female clients. This second edition remains the essential text for fitness instructors, personal trainers and sport and exercise students. The book provides an invaluable resource for fitness courses, exercise science degree programmes and continued professional development for exercise professionals.

"Whether you are preparing to become an ACE-certified Personal Trainer, Group Fitness Instructor, or Lifestyle & Weight Management Coach, this textbook provides the foundational knowledge you will need before moving on to study the materials specific to your chosen certification. ... Each of the five chapters includes a study guide"--P. [4] of cover.

NASM Essentials of Corrective Exercise Training Lippincott Williams & Wilkins

This First Edition, based on the National Academy of Sports Medicine™ (NASM) proprietary Optimum Performance Training (OPT™) model, teaches future sports performance coaches and other trainers how to strategically design strength and conditioning programs to train athletes safely and effectively. Readers will learn NASM's systematic approach to program design with sports performance program guidelines and variables; protocols for building stabilization, strength, and power programs; innovative approaches to speed, agility and quickness drills, and more! This is the main study tool for NASM's Performance Enhancement Specialist (PES).

NASM Essentials of Corrective Exercise Training introduces the health and fitness professional to NASM's proprietary Corrective Exercise Continuum, a system of training that uses corrective exercise strategies to help improve muscle imbalances and movement efficiency to decrease the risk of injury. This textbook includes several new chapters that were not included in NASM's previous corrective exercise materials, including the rationale for corrective exercise training, assessments of health risk, static postural assessments, range of motion assessments, and strength assessments (manual muscle testing) as well as corrective exercise strategies for the cervical spine, elbow, and wrist. There are more than 100 corrective exercise techniques in the categories of self-myofascial release, static stretching, neuromuscular stretching, isolated strength training, positional isometrics, and integrated dynamic movements included in the text. These, along with corrective exercise strategies for common movement impairments seen in each segment of the body, make this text the premier resource for learning and applying NASM's systematic approach to corrective exercise training.

When it comes to the NSCA Personal Trainer Certification Exam, you want to be prepared, and you will be with our book designed to making studying fun and easy! You don't want to waste time - and money! - taking your NSCA CPT exam twice...or more. You want to accelerate your education, not miss opportunities for starting your future career! Every year, thousands of people think that they are ready for the NSCA CPT, but realize too late when they get their score back that they were not ready at all. They weren't incapable, and they certainly did their best, but they simply weren't studying the right way. There are a variety of methods to prepare for the NSCA CPT...and they get a variety of results. Trivium Test Prep's NSCA CPT Study Guide provides the information, secrets, and confidence needed to get you the score you need the first time around. Losing points on the NSCA CPT can cost you precious time, money, and effort that you shouldn't have to spend. What is in the book? In our NSCA CPT study guide, you get the most comprehensive review of all tested concepts. The subjects are easy to understand, and have fully-explained example questions to ensure that you master the material. Best of all, we show you how this information will be applied on the real exam; NSCA CPT practice questions are included so that you can know, without a doubt, that you are prepared.

Our study guide is streamlined and concept-driven not filled with excess junk, silly attempts at humor, or confusing filler so you get better results through more effective study time. Why spend days or even weeks reading through meaningless junk, trying to sort out the helpful information from the fluff? We give you everything you need to know in a concise, comprehensive, and effective package. Why trust Trivium Test Prep? Our NSCA CPT study materials are created by industry and educational experts. Other study guides simply tell you what is on the test, not how that material is applied or, more importantly, HOW TO STUDY FOR IT. Trivium study guides are different. Our dedicated professionals know how people think and learn, and have created the NSCA CPT study guide based on what research has shown to be the fastest, easiest, and most effective way to prepare for the exam. Unlike other study guides that are stamped out in a generic fashion, our NSCA CPT study guide is specifically tailored for your exact needs. We refuse to pad a study guide as a means to convince people there is more information; this is a devious trick used to make you think you are getting more, when really it's all just wasting your time.

"Since 1983, AFAA has pioneered and set the fundamental movement standards in the fitness industry. With more than 350,000 certifications issued in 73 countries, AFAA-trained instructors have motivated millions of people toward healthier and happier lives. Through this course, you will acquire the knowledge and practical skills needed to inspire positive life changes as a group fitness instructor. Whether your clients are interested in dance, resistance training, yoga, mat pilates, indoor cycling or cardio, you'll be prepared with the foundation needed to lead any group with confidence. This textbook includes all the latest science on human movement and exercise, plus over 30 years of insights straight from the experts. The easy-to-read format supports a multi-layered learning experience with a focus on real-life application" -- Complete Guide to Foam Rolling is your answer to moving better, feeling better, and improving your performance. Foam rolling before, during, or after a workout can get blood flowing, allowing muscles to work more efficiently, and initiate the recovery process to reduce soreness. Backed by scientific research, Complete Guide to Foam Rolling provides step-by-step instructions for 27 of the most effective foam rolling techniques for muscle preparation and recovery. Reduce pain and restore function with therapeutic movements that help rehabilitate your body and reduce the risk of injury. Learn to breathe, relax, and roll through tight spots as part of your warm-up, flexibility work, and recovery. Then adapt any of the ready-to-use protocols or create a customized program to address specific problem areas well as your overall muscle and nervous system needs. You'll learn the difference between various types of rolling equipment and how to choose which is right for your individual needs. Special tips throughout the text provide further advice to help you prevent injury to muscles and joints. Invest in your training success by applying these proven self-massage techniques. Complete Guide to Foam Rolling is your path to better overall performance.

The BioMechanics Method for Corrective Exercise enables health and fitness professionals to identify common musculoskeletal imbalances in their clients and apply appropriate corrective exercises to swiftly eliminate muscle and joint pain and improve physical function.

Advanced Fitness Assessment and Exercise Prescription, Seventh Edition With Online Video, provides a comprehensive approach to physical fitness appraisal and exercise prescription. The text bridges the gap between research and practice and synthesizes concepts and theories from exercise physiology, kinesiology, measurement, psychology, and nutrition to provide a clearly defined approach to physical fitness testing and the design of individualized exercise programs. The accompanying online videos enhance the learning experience and teach the techniques necessary for conducting fitness testing and program design. More than 40 clips featuring common exercise assessments will help users learn essentials of fitness testing, such as calibration of blood pressure cuffs, functional movement assessment, and push-up and pull-up testing. Unlike introductory texts, which typically focus on field testing for evaluating physical fitness, this text

includes both field and laboratory assessment techniques. Readers will find the latest information on maximal and submaximal graded exercise testing in healthy populations, muscular fitness testing protocols and norms for children and adults, and field tests and norms for evaluating cardiorespiratory fitness, muscular fitness, body composition, flexibility, and balance. The seventh edition of *Advanced Fitness Assessment and Exercise Prescription* reflects current guidelines and recommendations, including new physical activity recommendations from the U.S. government, American Heart Association, and American College of Sports Medicine (ACSM), as well as the latest ACSM guidelines for medical exam and exercise testing requirements before beginning exercise programs. Additional updates to the seventh edition include the following:

- New research substantiating the link between physical activity and disease risk
- Expanded information on prediabetes, metabolic syndrome, osteoporosis, and overweight and obesity, including updated statistics on the global prevalence of obesity
- New dietary guidelines for Americans, including information on MyPlate
- Inclusion of SCORE system to estimate 10-year risk of fatal cardiac event due to atherosclerosis
- Expanded information on the use of technology to monitor physical activity
- Updated information on the use of exergaming and social networking to promote physical activity and exercise
- Additional OMNI pictorial scales for ratings of perceived exertion during exercise
- Latest ACSM FITT-VP principle for designing aerobic exercise programs
- Whole-body vibration as an adjunct to resistance training and flexibility training

Advanced Fitness Assessment and Exercise Prescription, Seventh Edition, is organized around physical fitness components, providing information on assessment followed by guidelines for designing exercise programs to improve each fitness component. The text begins with an overview of physical activity, health, and chronic disease, followed by discussion of preliminary health screening and risk classification, including the principles of fitness assessment, exercise prescription, and exercise program design. The remainder of the text provides in-depth coverage of assessment and exercise prescription for each of five physical fitness components: cardiorespiratory endurance, muscular fitness (strength, endurance, and power), body composition, flexibility, and balance. In each chapter, key questions help readers focus on essential information. Key points, review questions, and key terms reinforce concepts and summarize chapter content. An instructor guide, test package, chapter quizzes, and presentation package plus image bank provide tools for lecture preparation, creative content delivery, and class assessment. New to the seventh edition are online video clips for both students and instructors to further aid comprehension of the text and provide an additional tool for classroom demonstration. By integrating the latest research, recommendations, and information into guidelines for application, *Advanced Fitness Assessment and Exercise Prescription, Seventh Edition*, bridges the gap between research and practice for fitness professionals. Its unique scope, depth of coverage, and clearly outlined approach make it a valuable resource for students and exercise science professionals who want to increase their knowledge, skill, and competence in assessing clients' fitness and designing individualized exercise programs.

ACSM's *Resources for the Personal Trainer* provides a broad introduction to the field of personal training, covering both basic science topics and practical application. It was originally designed to help people prepare for the ACSM Personal Training Certification Exam. It continues to serve that function, but the market for it has expanded to practitioners in the field looking for an additional resource, as well as in an academic setting where the book is a core text for personal training programs.

Fascial Stretch Therapy shows how assessment, treatment and training are used in a variety of common circumstances encountered in manual therapy and athletic training. This book: describes and shows the therapist or trainer how to integrate FST in their current practice, business or workplace to enhance what they already do and provide. Section 1 redefines, clarifies and describes the many layers of therapeutic stretching showing where FST can be most useful summarizes relevant evidenced based studies and cites scientific support

giving the professional confidence in using the techniques covers specific examples of how FST integrates with many other methods used in manual therapies, fitness and sport training, rehabilitation and corrective exercise, movement re-education and motor repatterning. provides specific indications and information on the most common diagnoses and conditions and how best to use FST Section 2 provides detailed description of the FST technique with many explanatory photographs Intended readership: For manual therapists, bodyworkers and massage therapists, movement instructors, physical and occupational therapists, physiotherapists, athletic and sports trainers, fitness instructors, osteopaths and hands-on practitioners from all disciplines.

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