

Certified Functional Strength Coach

High-Performance Training for Sports changes the landscape of athletic conditioning and sports performance. This groundbreaking work presents the latest and most effective philosophies, protocols and programmes for developing today's athletes. High-Performance Training for Sports features contributions from global leaders in athletic performance training, coaching and rehabilitation. Experts share the cutting-edge knowledge and techniques they've used with Olympians as well as top athletes and teams from the NBA, NFL, MLB, English Premier League, Tour de France and International Rugby. Combining the latest science and research with proven training protocols, High-Performance Training for Sports will guide you in these areas:

- Optimise the effectiveness of cross-training.
- Translate strength into speed.
- Increase aerobic capacity and generate anaerobic power.
- Maintain peak conditioning throughout the season.
- Minimise the interference effect.
- Design energy-specific performance programmes.

Whether you are working with high-performance athletes of all ages or with those recovering from injury, High-Performance Training for Sports is the definitive guide for developing all aspects of athletic performance. It is a must-own guide for any serious strength and conditioning coach, trainer, rehabilitator or athlete.

Do you have what it takes to succeed in any situation?

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According to a retired commander who ran training for Navy SEALs, true optimal performance goes beyond just skill. It's all about THE ATTRIBUTES. "Diviney's incredible book explains why some people thrive—even when things get hard."—Charles Duhigg, New York Times bestselling author of *The Power of Habit* During his twenty years as a Navy officer and SEAL, Rich Diviney was intimately involved in a specialized SEAL selection process, which whittled a group of hundreds of extraordinary candidates down to a handful of the most elite performers. Diviney was often surprised by which candidates washed out and which succeeded. Some could have all the right skills and still fail, while others he might have initially dismissed would prove to be top performers. The seemingly objective criteria weren't telling him what he most needed to know: Who would succeed in one of the world's toughest military assignments? It is similarly hard to predict success in the real world. It happens often enough that underdog students accomplish exceptional achievements while highly skilled, motivated employees fail to meet expectations. Dark-horse companies pull away from the pack while dream teams flush with talent and capital go under. In working with and selecting top special operators for decades, Diviney saw that beneath obvious skills are hidden drivers of performance, surprising core attributes—including cunning, adaptability, courage, even narcissism—that determine how resilient or perseverant we are, how situationally aware and how conscientious. These attributes explain how we perform as individuals and as part of a team. The same methodology that

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Diviney used in the military can be applied by anyone in their personal and professional lives, and understanding these attributes can allow readers and their teams to perform optimally, at any time, in any situation. Diviney defines the core attributes in fresh and practical ways and shares stories from the military, business, sports, relationships, and even parenting to show how understanding your own attributes and those of the people around you can create optimal performance in all areas of your life.

NSCA's Essentials of Tactical Strength and Conditioning is the ideal preparatory guide for those seeking TSAC-F certification. The book is also a great reference for fitness trainers who work with tactical populations such as military, law enforcement, and fire and rescue personnel.

Functional Training Anatomy Human Kinetics

When you were a child, you had an amazingly strong, resilient and healthy body. The body you built through movement during the first several years of your life was meant to be the foundation from which you would continue to add strength, power and resiliency. Your body was meant to be strong, graceful, powerful, fluid, mobile and resilient. You were never meant to be broken, weak, fragile, stiff or injured. You were never meant to just "fall apart" with age. You are supposed to be able to conquer mountains, and even playgrounds, well into your golden years. You are supposed to enjoy this life with vitality. But, many of us do not. Many of us are just watching life go by. We have lost our way. We have lost our foundation. Our sedentary lifestyles have

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robbed us of the foundation and the joy of movement that we built as children. Because of this, we have lost our strength, our health, our resiliency and our vitality. Thankfully, we were indeed made to move. Through movement, specific movements, we can regain our foundation of strength, our foundation of health. We can become the strong, powerful, and graceful bodies that we were meant to be. We can enjoy this life with vitality. We don't have to be spectators, merely existing. We were made for adventure, for life! We can regain our Original Strength - our foundation. We can help our bodies remember how to move again and in doing so, we can become strong, healthy and resilient; like we were meant to be. We invite you to join us and regain the body you were always meant to have: A body capable of enjoying life.

NSCA's Essentials of Sport Science provides the most contemporary and comprehensive overview of the field of sport science and the role of the sport scientist. It is a primary preparation resource for the Certified Performance and Sport Scientist (CPSS) certification exam.

Overcoming Mediocrity is a project, developed by Christie Lee Ruffino and the Dynamic Professional Women's Network, Inc., intended to provide women with a platform to share their stories of encouragement, inspiration, and prosperity. This tenth book in the series is a unique collection of stories from empowered women who have overcome great odds to create their own lives of significance. These stories are sure to inspire and encourage women of all ages, to realize their true

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potential.

The world's best soccer players are incredibly fit, fast, lean, and strong. Achieving this level of athleticism requires a rigorous soccer fitness training program applying the most effective drills, exercises, and core training methods. In *Soccer: Functional Fitness Training*, the authors present numerous drills for this training. Based on the latest the findings in sports science and on the authors' long-term coaching experience, they present an extensive practical guide to help you improve your team's performance through core training, soccer specific exercises, and drills. The exercises can be used for amateurs and professional players, youth and adults alike. Your players can learn how to score the most exciting and acrobatic goals, how to tackle without fouling, and how to avoid injuries. The drills in the book create typical match situations to help your team prepare for the game and stay motivated. Many of the fitness exercises require no extra equipment and rely only on bodyweight, thus targeting many different muscles at once. The book is easy to use on the pitch and the ideal tool to turn youth players into the next Cristiano Ronaldo, Zlatan Ibrahimovic, or Bastian Schweinsteiger.

In the world of strength and conditioning, learning how to move others-not just physically, but also psychologically and emotionally-is paramount to getting the most out of them. People are the ultimate performance variable, and understanding how to effectively blend knowledge of proper training with the nuances of human behavior is integral to helping athletes achieve their ultimate goals. Unfortunately, while much attention has been given to

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the science of physical training, little attention has been given to the science of communication. *Conscious Coaching: The Art and Science of Building Buy-In* bridges this gap. Readers learn the foundational principles of improving relationships, enhancing engagement, and gaining the trust of athletes through targeted communication. And, every bit as important, readers also learn concrete strategies to apply these principles in day-to-day coaching situations they will inevitably encounter. The result is a game-changing book that sets the stage for coaches to create a culture of success not only within sport, but also beyond. *Conscious Coaching* is a movement and its time has come.

What is Triphasic Training? It is the pinnacle of sports performance training. Created by world renown coach, Cal Dietz, Triphasic Training breaks down dynamic, athletic movements into their three components (eccentric, isometric, and concentric), and maximizes performance gains by applying stress to the athlete in a way that allows for the continuous development of strength, speed, and power. Who uses Triphasic Training: Everyone! From elite level athletes to absolute beginners, the triphasic method of training allows for maximal performance gains in minimal time. For that reason professional athletes from all backgrounds seek out Coach Dietz each off-season to train with his triphasic system. Coach Dietz has worked with hundreds of athletes from the NFL, NHL, and MLB, as well as several dozen Olympic athletes in track and field, swimming, and hockey. What the book is about:

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Triphasic Training was originally a digital book with over 3,000 hyperlinks and 6 hours of video lectures, showing the reader exactly how to perform every exercise and apply the training methods. To ensure that you do not miss out on this valuable component, inside your book you will find a web link to a downloadable PDF that contains all of the hyperlinks and videos from the original digital book. The PDF is laid out to allow you to easily follow along as you read the book. Simply scroll in the PDF to the page that you are reading in the book and it will have every hyperlink and video that is on that page. The book contains over 350 pages, divided clearly into 2 parts: the “why” and the “what”. The first three sections go through the physiological basis for the Triphasic method, undulated block periodization, and general biological applications of stress. The authors will explain how to incorporate the Triphasic methods into existing programs, with complete descriptions on adapting it to virtually any scenario. Sections 4 through 7 are devoted entirely to programming, with over 3,000 exercises and 52 weeks of programs for numerous different sports. Included in the programming section are: Over 3,000 exercises, each hyperlinked to a video tutorial that shows you exactly how to perform the exercise. 5 separate 24-week training programs built for either 6 day, 5 day, 4 day, 3 day, or 2 day models. Over 6 hours of video lectures by Coach Dietz further explaining the Triphasic Training method. These lectures go even deeper into the physiology and application of what he does with his elite athletes. Over two dozen tables showing exactly when and how to modify exercises to ensure continuous

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improvement in your athletes. Peaking programs for football lineman or skill players, baseball, swimming, volleyball, and hockey players (among others). A complete 52 week training program for football.

"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

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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.

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 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.

With the use of dynamic visuals and kinesthetic exercises, Functional Anatomy, Revised and Updated Version helps readers to explore and understand the body's structures, regions, layer of the body, from bones to ligaments to superficial and deep muscles. Muscle profiles indicate origin, insertion, and innervation points while step-by-step instructions teach effective bone and muscle palpation.

FITNESS TRAINING. This new book presents the continued evolution of functional training. Ten sections present everything a strength coach or personal trainer may need to understand modern training theory. Boyle updates the reader on the current thinking in core training, back pain, and on how the hip musculature works. Further material on cardiovascular training, and what has worked for the athletes training in his facility

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continues the journey. In the second half of the book, the author discusses training strategies, including exercises equipment and tools in use on the gym floor, how he develops speed, and a section on his single-leg training methods. Finally, he puts the entire package together with program design, covering the basic objectives of a sound program, and showing you exactly which programs to use in a variety of circumstances.

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.

Erwan Le Corre, creator of the world-renowned fitness system MovNat, is on a mission to reintroduce natural movement to our modern lives with the most ancient movement skill set: walking, running, balancing, jumping, crawling, climbing, swimming, lifting, carrying, throwing, catching, and self-defense. Try to imagine an out-of-shape tiger stepping on an exercise machine to get a workout. It doesn't make any sense, does it? Wild animals simply move the way nature intended, and they

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become powerful, healthy, and free in the process. So why should it be any different for us? We have become "zoo-humans," separated from nature and living movement-impooverished, unnatural lifestyles. As a result, we are suffering physically, mentally, and spiritually. Exercise has become artificial and boring--a chore, if not a punishment. We are training parts of our bodies, not the whole, and we have lost our drive for movement. What we need is not a better understanding of exercise physiology or more variety in fitness programs and modalities. What we need is simplicity, meaning, purpose, inspiration, and enjoyment. We need to get back to natural movement. In *The Practice of Natural Movement*, Le Corre demonstrates our innate and versatile ability to perform practical and adaptable movements. With countless techniques and movement variations, as well as strategies for practicing anytime and anywhere, he will inspire you to build a naturally strong and flexible body and to form yourself anew into a mindful, skillful, and physically capable human being. *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.

It's hard to imagine, but as late as the 1950s,

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athletes could get kicked off a team if they were caught lifting weights. Coaches had long believed that strength training would slow down a player. Muscle was perceived as a bulky burden; training emphasized speed and strategy, not “brute” strength. Fast forward to today: the highest-paid strength and conditioning coaches can now earn \$700,000 a year. *Strength Coaching in America* delivers the fascinating history behind this revolutionary shift. College football represents a key turning point in this story, and the authors provide vivid details of strength training’s impact on the gridiron, most significantly when University of Nebraska football coach Bob Devaney hired Boyd Epley as a strength coach in 1969. National championships for the Huskers soon followed, leading Epley to launch the game-changing National Strength Coaches Association. Dozens of other influences are explored with equal verve, from the iconic Milo Barbell Company to the wildly popular fitness magazines that challenged physicians’ warnings against strenuous exercise. Charting the rise of a new athletic profession, *Strength Coaching in America* captures an important transformation in the culture of American sport.

Strength and conditioning specialist Joe Kenn draws upon the three strength disciplines; weightlifting, powerlifting, and body building, as well as training principles of traditional periodization and high-

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intensity training, to define the "Tier System" of athletic-based strength training. The tier system promotes training athletes on a rotation of movements (total body, upper body, lower body) rather than training body parts. The result is an integrated, "whole-body" strength training program with greater real-world and sport-appropriate applicability. The book explores an overview of the system, and provides annual plan development, training cycles, and daily and weekly plans. Ideal for coaches and trainers of football, basketball, track & field, wrestling, gymnastics and any sport requiring maximum and explosive strength.

This book will provide readers with the information they need for a year-around strength program designed to maximize performance and minimize injury.

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

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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. In *Fast-Track Triathlete*, elite triathlon coach Matt Dixon offers his plan of attack for high performance in long-course triathlon—without sacrificing work or life. Developed for busy professionals with demanding schedules, the *Fast-Track Triathlete* program makes your PR possible in Ironman®, Ironman 70.3®, Rev3, and Challenge triathlon in about 10 hours a week. Training for long-course triathlons once demanded 15-20 hours each week—on top of work, family, travel and other time commitments. For many, preparing for long-distance triathlon is more challenging than the race itself. Now *Fast-Track Triathlete* opens the door to your best performance in full- and half-distance triathlons in half the traditional training time. Dixon's laser-focused, effective approach to workouts, recovery, strength and mobility, and nutrition means you can

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prepare for triathlon's greatest challenges in just 7-10 hours per week for half-distance and 10-12 hours per week for full-distance. Fast-Track Triathlete includes • Dixon's complete guide to creating a successful sport and life performance recipe • How to plan out your triathlon training • Scaling workouts for time and fatigue • Training and racing during travel • Executing your swim-bike-run and transitions plan on race day • 10-week off-season training program with key workouts • 14-week pre-season training program with key workouts • 14-week comprehensive race-prep full and half training plans with fully integrated strength and conditioning Dixon's first book, *The Well-Built Triathlete*, revealed his four-tiered approach to success in all triathlon race distances. *Fast-Track Triathlete* turbocharges Dixon's well-built program so even the busiest athletes can achieve their long-distance triathlon dreams without sacrificing so much to achieve them.

"Molly Galbraith is collaborative, uplifting, and relentlessly authentic." -- Melissa Urban, Whole30 CEO, New York Times bestselling author *As women*, many of us have false beliefs about who we are and what we must do to succeed, and these beliefs pit us against other women—holding us back from strength, success, empowerment, connection, and making the kind of difference we're here to make. It's time for a change. *Strong Women Lift Each Other Up* is an

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evidence-based, actionable guide to creating a better life for yourself and a better world with more opportunity for women and girls. If you've ever . . . struggled with jealousy or comparing your life or body to other women wanted to support or believe in women, but felt like they're catty or tearing you down felt like you're competing with other women for opportunities that are scarce or felt like you were made for more than the life you're living now . . . this book is for you. Women are ready to stop the vicious cycle of criticizing, judging, gossiping, and comparing themselves. We want to feel good in our own skin and know we're enough, just as we are. By the end of this book, you won't walk into a room and size up other women. You'll walk in feeling like you don't have to compare yourself at all. You'll radiate confidence from the inside out. You'll chase your dreams without worrying what others think. You'll lift other women up because you'll know there's enough success to go around. You'll live a life filled with meaning and purpose. And you'll know exactly who you are and be damn proud of it. Change starts now. With this book—and with you.

"Be Like the Best is a collection of 50 interviews with top North American fitness and physical therapy professionals in which Strength Coach Podcast creator Anthony Renna fleshed out the traits and habits that made them successful"--

The Power Revolution: A Sports Performance Guide

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to Achieving Maximum Power offers a thorough and comprehensive approach to strength and conditioning that can be utilized with any sport. It is a laymen-termed, progressive approach to an overall power training plan. All the elements that need to be performed in order to achieve maximum power are covered in this book, including: strength training, Olympic weightlifting, linear speed, agility and lateral movement, plyometrics, flexibility, balance, and core/stability training.

Nationally recognized Strength and Conditioning Coach Ron McKeefery teaches you exactly how to become your own CEO Strength Coach. Coach McKeefery has served at both the Professional and Collegiate level. He is published in numerous industry publications and is a highly sought after speaker. This book not only tells Ron's story; it teaches you how to avoid the mistakes he has made and leads you through the trials he faced prior to being honored as a Master Strength and Conditioning Coach and named Under Armour Collegiate Strength and Conditioning Coach of the Year. You will learn to become a TECHNICIAN in your field, why most coaches remain only technicians, how to become an effective MANAGER, and what it takes to be an ENTREPRENEUR in Strength and Conditioning. A detailed, step-by-step process is provided to ensure you don't miss anything as you learn how to pursue a successful

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career. You will draw from his experiences in order to learn what it takes to not only be the best Strength and Conditioning Coach that you can possibly be; but you will also learn how to manage your time better, find room for a family life inside of a career that takes up more time than most, and how to ultimately be happy in all of the successes you achieve as a coach, no matter how big or small they may seem.

Packed with new research, new interviews, and practical solutions, this updated and expanded edition of *Next* will equip pastors, ministry teams, and Christian organizations to navigate leadership changes with wisdom and grace. While there is no simple, one-size-fits-all solution to the puzzle of planning for a seamless pastoral succession, *Next* offers church leaders and pastors a guide to asking the right questions in order to plan for the future.

Vanderbloemen, founder of a leading pastoral search firm, and Bird, an award-winning writer and researcher, share insider stories of succession failures and successes in dozens of churches, including some of the nation's most influential. The authors demystify successful pastoral succession and help you prepare for an even brighter future for your ministry. Includes a foreword by John Ortberg and an introduction by Eric Geiger and Kenton Beshore.

Functional Medicine Coaching contains inspirational

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stories that describe the personal transformations and journeys toward physical health and well-being as a result of working with a health coach. Both aspiring coaches and those already working in the field will learn the power of combining the principles of Functional Medicine with positive psychology coaching. The powerful blending of these two approaches addresses what individual need to thrive. Anyone with a passion for helping others should consider entering the rapidly exploding fields of health coaching and specializing in Functional Medicine coaching.

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

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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.

Developed by the National Strength and Conditioning Association (NSCA) and now in its fourth edition, *Essentials of Strength Training and Conditioning* is the essential text for strength and conditioning professionals and students. This comprehensive resource, created by 30 expert contributors in the field, explains the key theories, concepts, and scientific principles of strength training and conditioning as well as their direct application to athletic competition and performance. The scope and content of *Essentials of Strength Training and Conditioning, Fourth Edition With HKPropel Access*, have been updated to convey the knowledge, skills, and abilities required of a strength and conditioning professional and to address the latest information

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found on the Certified Strength and Conditioning Specialist (CSCS) exam. The evidence-based approach and unbeatable accuracy of the text make it the primary resource to rely on for CSCS exam preparation. The text is organized to lead readers from theory to program design and practical strategies for administration and management of strength and conditioning facilities. The fourth edition contains the most current research and applications and several new features: Online videos featuring 21 resistance training exercises demonstrate proper exercise form for classroom and practical use. Updated research—specifically in the areas of high-intensity interval training, overtraining, agility and change of direction, nutrition for health and performance, and periodization—helps readers better understand these popular trends in the industry. A new chapter with instructions and photos presents techniques for exercises using alternative modes and nontraditional implements. Ten additional tests, including those for maximum strength, power, and aerobic capacity, along with new flexibility exercises, resistance training exercises, plyometric exercises, and speed and agility drills help professionals design programs that reflect current guidelines. Key points, chapter objectives, and learning aids including key terms and self-study questions provide a structure to help students and professionals conceptualize the information and reinforce fundamental facts.

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Application sidebars provide practical application of scientific concepts that can be used by strength and conditioning specialists in real-world settings, making the information immediately relatable and usable. Online learning tools delivered through HKPropel provide students with 11 downloadable lab activities for practice and retention of information. Further, both students and professionals will benefit from the online videos of 21 foundational exercises that provide visual instruction and reinforce proper technique. *Essentials of Strength Training and Conditioning, Fourth Edition*, provides the most comprehensive information on organization and administration of facilities, testing and evaluation, exercise techniques, training adaptations, program design, and structure and function of body systems. Its scope, precision, and dependability make it the essential preparation text for the CSCS exam as well as a definitive reference for strength and conditioning professionals to consult in their everyday practice. Note: A code for accessing HKPropel is not included with this ebook but may be purchased separately.

Offering strength, endurance, power, and sport-specific programming, *Functional Training* is the most comprehensive resource for athletes, coaches, and athletic trainers. In an ever-changing field, it emphasizes proven techniques and approaches to training results.

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Functional Training Anatomy covers all aspects of how to build a purposeful, effective, and efficient training program that develops the power, strength, stability, and functional mobility needed to support the body's demands in athletic performance and daily living.

Reach a higher level of athleticism with "Functional Training for Sports." This book presents a complete system that focuses on training your body the way it will be used during competition. Detailed exercise progressions and training will help develop the movement skills, body positions, and explosive power essential for sports.

The term "functional training" has been associated with a fair amount of controversy ever since it became part of the fitness training vernacular more than a decade ago. In Functional Training Anatomy, noted strength and conditioning specialists Kevin Carr and Mary Kate Feit cut through the clutter and misconceptions about functional training and cover all aspects of how to build a purposeful, effective, and efficient program that provides the strength, stability, and mobility you need to support your body in life and in sports. Beginning with a clear definition of what functional training entails, you will learn about the importance of mobility training and its impact on movement quality, performance, and injury reduction. Use the warm-up activities to prepare for high-intensity activities. Use the medicine

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ball and plyometric exercises to learn to produce and absorb force. Develop power with Olympic lifts, kettlebell swings, and jumping exercises. Improve strength in the upper body, lower body, and core with hip-dominant, knee-dominant, pushing, pulling, and core exercises. See the inner workings of each of the exercises with superb full-color illustrations that show the primary and secondary muscles and connective tissue being used. The detailed instructions for these multiplanar and unilateral exercises ensure you execute each one correctly and safely. The Functional Focus element shows how the exercises translate to specific activities, whether that be an explosive athletic move or simply moving a box. Functional Training Anatomy incorporates traditional and nontraditional exercises and mobility drills that will help you increase functional strength and reduce injury so your body is prepared to support the demands of athletic performance and daily living. CE exam available! For certified professionals, a companion continuing education exam can be completed after reading this book. The Functional Training Anatomy Online CE Exam may be purchased separately or as part of the Functional Training Anatomy With CE Exam package that includes both the book and the exam. Athletes in all sports rely on speed. Whether it involves sprinting down the court on a fast break or chasing a loose ball, speed often contributes to

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overall athletic ability. Developing Speed teaches you how to elevate your speed in a scientifically based manner that will have you blowing by the competition. Written by eight of the top National Strength and Conditioning Association experts, Developing Speed is your guide to elite-level speed development, regardless of your sport. In addition to the scientific coverage of speed development, this guide helps you assess your current ability and identify your areas of greatest need. Using this information, along with the most effective drills and exercises, you'll have the tools and information for creating your own speed development program. If increasing your athletic speed is what you're seeking, then look no further. With the cutting-edge information packed into this one resource, you'll achieve new personal bests and reach your most aggressive goals. Developing Speed is the only tool you need to develop your personal program and take your speed to the highest level!

The Ketogenic diet has been wildly popular for several years. In fact, you may feel like everyone you know is on the keto diet—or at least has tried to live life on the keto diet. That's where many people run into a pitfall. Keto is often seen as being unsustainable for the long term. That's where nutritionist, personal trainer, and health coach Tara Garrison comes in with her expert advice about the proven benefits of a shorter-duration keto plan. In Short-Term Keto, Garrison explains why the keto diet

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makes sense and shares success stories from people who've made it work. Then she explains how to increase your chance for success if you're new to keto or how to reintroduce carbs if you've used keto to meet your goal and need to maintain your health and weight loss. Garrison's plan enables you to customize your meals for the carb count that's right for you. She describes different eating models—One Meal a Day, Targeted Ketogenic Diet, and Cyclical Ketogenic Diet—so that you can listen to your body's cues to follow the plan that suits you best. She even includes recommendations for athletes whose carb needs may vary because of events, performance goals, and weight changes. Garrison's delicious recipes, complete with carb counts, will help you find the inspiration to feed yourself well for the long term!

It's time to see what your body is really capable of and get strong with NIKE trainer Alex Silver-Fagan. Women who lift know that training with weights is the best way to firm your glutes, tone your abs, and sculpt a healthy physique. Using strength-training, cardio, nutrition, and weight-lifting exercises, *Get Strong for Women* gives you the tools you need to build muscle, burn fat, and get a lean, toned body. This fitness manifesto provides more than 60 clear, step-by-step exercise instructions as well as three easy-to-follow, 12-week workout programmes, so you can hit the gym with confidence and become the strongest, fastest, healthiest you. Empower your body, empower your mind, and *Get Strong for Women*. Strong is beautiful: strong is powerful.

Great athletes make difficult moves look effortless with a

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combination of skill, strength, and balance. Traditional conditioning builds a fitness base, but modern sports training takes into account athletic movement patterns. Athletic Body in Balance is the first guide of its kind to show you how to train for smooth, fluid movement and prevent muscle imbalances, mobility restrictions, stability problems, and injuries. Physical therapist and sports conditioning expert Gray Cook has proven the effectiveness of his approach through the performances of athletes in the NFL, NBA, NHL, WNBA, and Reebok® University's sports training system. Cook's methods will help you identify functional weaknesses; correct imbalances; explore your potential; and refine sport-specific movement skills such as jumping, kicking, cutting, and turning. You will see where conditioning is breaking down and how to get your body back on track. Whereas other books concentrate on maximizing your strengths, Athletic Body in Balance focuses on exposing and overcoming your weaknesses to form a foundation for long-term training gains. Learn how to maintain what you gain and build on your improvements. Make this comprehensive assessment tool your training guide. Prepare and repair your body for ultimate athletic performance with Athletic Body in Balance.

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

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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

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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.

For years strength coaches relied solely on one-repetition maximum percentages to select loads for specific phases of program design. Today, however, more and more coaches have turned to velocity-based training for its pinpoint accuracy in measuring athletes' explosive power through the monitoring of bar and body speeds. As one of the first books of its kind to feature this exciting new method for increasing explosive power, *Velocity-Based Training* takes an in-depth look into how to best incorporate velocity-based training (VBT) into an athlete's training program. Author Nunzio Signore is one of the most in-demand strength and conditioning coaches in New York and has worked with players from the Minnesota Twins, Anaheim Angels, New York Yankees, New York Mets, Arizona Diamondbacks, and Seattle Mariners, to name a few. In *Velocity-Based Training*, Signore will show you how bring your athletes to greater levels of strength, speed, and power at a faster rate. You will find the following: Descriptions of the different types of VBT devices and the pros and cons of each, enabling you to select the best option for your needs Instructions on how to use VBT to assess athlete

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readiness and set specific training parameters for maximum results Information on how to use VBT to ensure athletes are training at the appropriate intensity according to where they are in their yearly training plan Expert guidance on how to use VBT daily with athletes of various training ages and ability levels Sample programming that includes exercises, intensities, and tempos for all four training seasons (postseason, off-season, preseason, and in-season), allowing you to set thresholds that minimize the potential for undertraining or overtraining Eliminate the guesswork by using hard data for the design and implementation of training programs. With the help of Velocity-Based Training, you can safely and efficiently build stronger and more powerful athletes. CE exam available! For certified professionals, a companion continuing education exam can be completed after reading this book. Velocity-Based Training Online CE Exam may be purchased separately or as part of the Velocity-Based Training With CE Exam package that includes both the book and the exam.

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