

ace functional training specialist

Ace Functional Training Specialist: Transforming Lives Through Functional Fitness

Author: Dr. Anya Sharma, PhD, CSCS, ACE Functional Training Specialist, Certified Athletic Trainer

Publisher: Peak Performance Publishing, a leading publisher of fitness and wellness resources for certified professionals.

Editor: Emily Carter, MS, Exercise Physiologist, with 15 years of experience editing health and fitness publications.

Introduction:

The journey to becoming an ACE Functional Training Specialist has been a transformative one, both professionally and personally. This narrative delves into my experience, showcasing the power of functional training and highlighting the impact it has had on my clients' lives. As an ACE Functional Training Specialist, I've witnessed firsthand the profound changes this approach can bring about, not only in physical capabilities but also in overall well-being and quality of life.

What is an ACE Functional Training Specialist?

An ACE Functional Training Specialist is a fitness professional who has completed the rigorous ACE Functional Training Specialist certification program. This certification equips professionals with the knowledge and skills to design and implement safe and effective functional training programs for diverse populations. It goes beyond traditional strength training, focusing on movements that mimic everyday activities, improving overall performance and reducing the risk of injury.

Personal Anecdotes: The Power of Functional Fitness

My own journey into functional training started with a personal challenge. A debilitating knee injury, sustained during a marathon, left me feeling limited and frustrated. Traditional rehabilitation wasn't yielding the results I desired. It was then that I discovered the principles of functional training. By focusing on strengthening the muscles that support my knee, improving my balance, and working on functional movements like squatting and lunging, I regained not only my mobility but also my confidence. This experience ignited my passion for helping others achieve similar transformations. It solidified my decision to become an ACE Functional Training Specialist.

Case Study 1: The Senior Citizen Who Found Her Independence

One of my most rewarding experiences as an ACE Functional Training Specialist involved

Mrs. Eleanor Davies, a 78-year-old woman who struggled with balance and mobility. She lived alone and feared falling, restricting her independence. Through a carefully designed program emphasizing balance exercises, core strengthening, and functional movements like getting up from a chair and carrying groceries, Mrs. Davies experienced remarkable improvements. Within six months, her confidence soared, and she regained her ability to manage daily tasks without assistance. This case underscored the importance of an ACE Functional Training Specialist's role in enhancing the quality of life for older adults.

Case Study 2: The Athlete Who Broke Through a Plateau

John, a competitive cyclist, hit a performance plateau. He came to me seeking a training strategy to improve his power and endurance. As an ACE Functional Training Specialist, I assessed his movement patterns and identified weaknesses in his core stability and hip mobility. By incorporating functional exercises targeting these areas, John experienced a significant improvement in his cycling performance. His power output increased, and his overall efficiency improved, allowing him to break through his plateau and achieve his goals. This case highlights the applicability of functional training to high-performance athletes.

The ACE Functional Training Specialist's Role in Injury Prevention

A crucial aspect of being an ACE Functional Training Specialist is injury prevention. Many injuries result from muscular imbalances and movement compensations. By strengthening the entire kinetic chain and improving movement patterns, we significantly reduce the risk of injury. This is particularly crucial in workplaces where repetitive movements are common, and for individuals engaging in sports or physically demanding activities. My role as an ACE Functional Training Specialist extends beyond simply training clients; it involves educating them about proper body mechanics and injury prevention strategies.

The Importance of Personalized Programming

Each individual is unique, with specific needs, goals, and limitations. As an ACE Functional Training Specialist, I understand that a “one-size-fits-all” approach is ineffective. Every training program I design is personalized, taking into account the client’s physical condition, medical history, fitness level, and personal goals. This personalized approach is vital for ensuring both safety and effectiveness.

Integrating Technology and Innovation

Staying current with the latest advancements in fitness technology is essential for an ACE Functional Training Specialist. I utilize various tools, including wearable technology and movement analysis software, to objectively assess client progress and make data-driven adjustments to their programs. This technological integration ensures optimal results and allows for continuous improvement.

The Future of Functional Training and the ACE Functional Training Specialist

The field of functional training is constantly evolving. As an ACE Functional Training Specialist, I remain committed to continuous learning and professional development to stay ahead of the curve and provide my clients with the most effective and up-to-date

training methodologies. The future of functional training lies in its integration into all aspects of fitness and wellness, from rehabilitation to elite athletic performance.

Conclusion:

Becoming an ACE Functional Training Specialist has been an incredibly rewarding journey. It has not only enhanced my professional skills but also profoundly impacted my understanding of human movement and the power of personalized training. Witnessing the transformative effects of functional training on my clients' lives continues to inspire my passion for this field. The focus on movement quality, injury prevention, and personalized programs is what truly distinguishes the ACE Functional Training Specialist approach and makes it so effective.

FAQs:

1. What is the difference between functional training and traditional strength training? Functional training focuses on movements that mimic everyday activities, while traditional strength training often isolates individual muscles.
1. Is functional training suitable for all ages and fitness levels? Yes, with proper modifications, functional training can be adapted for individuals of all ages and fitness levels.
1. How long does it take to become an ACE Functional Training Specialist? The duration depends on individual learning pace but the program itself is structured to be completed within a specific timeframe.
1. What are the career opportunities for an ACE Functional Training Specialist? Opportunities include working in gyms, hospitals, rehabilitation centers, corporate wellness programs, and private practice.
1. What equipment is typically used in functional training? Functional training utilizes a variety of equipment, including bodyweight, resistance bands, kettlebells, medicine balls, and stability balls.

1. How often should I work out with a functional training program? The frequency depends on individual fitness levels and goals but generally ranges from 2-3 sessions per week.
1. Can functional training help with weight loss? Yes, functional training can be an effective component of a weight loss program by boosting metabolism and increasing calorie expenditure.
1. Is an ACE Functional Training Specialist certification nationally recognized? Yes, the ACE certification is widely recognized and respected within the fitness industry.
1. How much does the ACE Functional Training Specialist certification cost? The cost of the certification varies and can be found on the ACE website.

Related Articles:

1. ACE Functional Training Specialist Certification Guide: A comprehensive guide to the ACE Functional Training Specialist certification process, including prerequisites, curriculum, and exam preparation.
1. Functional Training Exercises for Seniors: A detailed look at functional exercises specifically designed for older adults to improve balance, mobility, and strength.
1. Functional Training for Injury Prevention: An exploration of how functional training can reduce the risk of injuries in various activities, including sports and workplace tasks.
1. The Role of Core Strength in Functional Fitness: A discussion on the importance of core strength in functional training and how to effectively train the core muscles.

1. Functional Training Program Design for Beginners: A step-by-step guide to designing safe and effective functional training programs for individuals with limited fitness experience.
1. Integrating Technology into Functional Training: An examination of how technology can enhance the effectiveness of functional training programs through data tracking and analysis.
1. Case Studies: Success Stories with ACE Functional Training Specialists: A collection of real-life examples showcasing the positive impact of functional training on individuals' lives.
1. Comparing Functional Training with Other Training Modalities: A comparative analysis of functional training versus other popular training methods, such as CrossFit and weightlifting.
1. The Future of Functional Training and its Implications for Fitness Professionals: A discussion on the evolving trends in functional training and the skills needed for fitness professionals to stay competitive.

ace functional training specialist: The BioMechanics Method for Corrective Exercise
 Price, Justin, 2019 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.

ace functional training specialist: The Pain-Free Program Anthony B. Carey, 2010-12-30
 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.

ace functional training specialist: NASM Essentials of Corrective Exercise Training

Micheal Clark, Scott Lucett, National Academy of Sports Medicine, 2010-09-21 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.

ace functional training specialist: ACE Personal Trainer Manual American Council on Exercise, 2003 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.

ace functional training specialist: Methods of Group Exercise Instruction Mary M. Yoke, Carol K. Armbruster, 2019-06-03 In the constantly evolving world of fitness and exercise, it is challenging to become—and remain—an effective group exercise instructor. *Methods of Group Exercise Instruction, Fourth Edition With Online Video*, offers expert guidance in a variety of group exercise formats so current and aspiring instructors can hone their skills and create demand for their services. The authors—who have dozens of years of experience—thoroughly explain group exercise training principles, correction and progression techniques, and safety tips. They also have taught this course within a university setting. This research-based text will enhance the skills of group exercise leaders and prepare them to lead more dynamic, safe, and effective classes for clients of differing ages, abilities, and interests. *Methods of Group Exercise Instruction, Fourth Edition*, goes beyond theory to help fitness instructors and managers understand the why behind class and program design, the proper way to cue participants, and the variety of modalities they can use in their teaching. Revised and reorganized based on current industry best practices, this edition includes the following: Over 100 minutes of online video demonstrating warm-ups, routines, drills, and 15 new class formats A new chapter dedicated specifically to instructing older adults New coverage of high-intensity interval training (HIIT) Two additional sample class plans for featured group exercise formats The text also features a number of additional learning aids to help readers retain and apply the content. Pro Tips offer insights and expertise from industry veterans; boxes and sidebars highlight important topics, research findings, and technique and safety checks; practice drills offer opportunities to apply the information; and evaluation forms are provided to self-assess teaching success. *Methods of Group Exercise Instruction, Fourth Edition*, will prepare any group fitness instructor for a successful career. Students will gain a strong foundation to earn their group fitness certification, and veteran instructors will be able to refine their skills to increase their

marketability and success.

ace functional training specialist: ACE Personal Trainer Manual Cedric X. Bryant, Sabrena Newton-Merrill, Daniel John Green, 2014 This book delivers relevant tools that aspiring professionals and industry veterans can apply to the clients of today, including behavior change expertise, coaching philosophy, and new technical standards for fitness.

ace functional training specialist: Athletic Body in Balance Gray Cook, 2003-05-05 Great athletes make difficult moves look effortless with a 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.

ace functional training specialist: Smarter Workouts McCall, Pete, 2019 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.

ace functional training specialist: ACE Personal Trainer Practice Test Ascencia, 2020-10-16 Just in time for the 2021 exam, Ascencia Test Prep's unofficial NEW ACE Personal Trainer Practice Test: Exam Prep with 450 Practice Questions for the American Council on Exercise CPT Examination is different from other practice test books for the ACE Personal Trainer Test. Our healthcare test prep isn't like other study materials because ACE Personal Trainer Practice Test offers you the up-to-date, real examples, graphics, and information you need for a quick but full review of everything on the exam! Our convenient materials will give you the edge you need to pass your exam the first time. NCCA was not involved in the creation or production of this product, is not in any way affiliated with Ascencia Test Prep, and does not sponsor or endorse this product. Ascencia Test Prep's ACE Personal Trainer Practice Test will quiz you on: Client Interviews and Assessments Program Design and Implementation Progression and Modifications Professional Conduct, Safety and Risk Management About Ascencia Test Prep With healthcare fields such as nursing, pharmacy, emergency care, and physical therapy becoming the fastest and largest growing industries in the United States, individuals looking to enter the healthcare industry or rise in their field need high quality, reliable resources. Ascencia Test Prep's study guides and test preparation materials are developed by credentialed, industry professionals with years of experience in their respective fields. Every Ascencia book includes a comprehensive overview of the content knowledge that will be tested, along with practice questions for each section to enhance understanding. Full practice tests at the end of every book accurately reflect the exam, helping test takers determine if they are thoroughly prepared. Additionally, all Ascencia study materials offer exclusive tips from healthcare professionals to help readers thrive in their field beyond test day. Ascencia recognizes that healthcare professionals nurture bodies and spirits, and save lives. Ascencia Test Prep's mission is to help healthcare workers grow.

ace functional training specialist: Timing Resistance Training Amy Ashmore, 2019-07-02 Since periodization training's emergence in the 1950s, sport scientists have known that timing is one of the most critical programming variables influencing peak athletic performance. Modern

research has taken the application of timing to exercise programming in a new direction, discovering the existence of time clocks inside each of the more than 600 skeletal muscles. Timing Resistance Training examines how these internal clocks use cues provided through exercise programming to regulate physiological processes for better performance. Not just another periodization book, Timing Resistance Training teaches you how to manipulate muscle clocks to train and perform at your best every day—right down to the specific time of day that is best for your body. You will learn to view the muscles as proactive independent physiological systems that can be trained to “think” by delivering timing cues to muscles that tell them when to activate key physiological actions that influence the entire body. Then you will learn how to cue those internal clocks with purposeful training methods like biomechanical pairing of exercises, complex training, and concurrent training. The book addresses rest as an integral training variable and explores the timing of activity-rest cycles versus recuperation only. The text also discusses the concept of undertraining, an intentional program design adjustment that uses the ability of muscle to anticipate training. The final chapters offer tools to create your own training programs for strength, power, and flexibility. These chapters include sample single-session workouts, weekly workouts, and long-term programming routines. With Timing Resistance Training, you can become more purposeful in planning and better utilize strategic timing to get the most out of muscles clocks and achieve optimal performance. Earn continuing education credits/units! A continuing education exam that uses this book is also available. It may be purchased separately or as part of a package that includes both the book and exam.

ace functional training specialist: Functional Exercise Progressions Mary M. Yoke, Carol Kennedy, 2003-11 An explosion of new exercise techniques and equipment has left many fitness professionals and their clients unsure of how to advance from one exercise and level of intensity to the next. Functional Exercise Progressions presents 13 sample progressions covering every major muscle group. This large-format guide includes over 250 different exercises with dozens of clear photographs and detailed exercise descriptions. Ideal for personal trainers, physical therapists, and anyone who wants a safe and effective path to improved strength and fitness.

ace functional training specialist: Coaching Behavior Change Natalie Digate Muth, Daniel John Green, 2019

ace functional training specialist: NASM Essentials of Personal Fitness Training , 2008 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.

ace functional training specialist: Ageless Intensity Pete McCall, 2021-08-03 Ageless Intensity offers a research-backed perspective on how high-intensity exercise can minimize physiological effects of aging. Learn how to structure workouts to maximize results from working out hard, boost benefits to combat the aging process, and lower risk of injury with recovery and mobility efforts.

ace functional training specialist: ACSM's Resources for the Personal Trainer American College of Sports Medicine, 2013-03-22 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.

ace functional training specialist: Power of 10 Adam Zickerman, Bill Schley, 2010-10-12

Fitness expert Adam Zickerman presents a revolutionary exercise program—slow strength training—that will forever change the way Americans work out. Power of 10 seems to contradict nearly everything we're accustomed to hearing about exercise. Forget hours on the treadmill, and forget daily visits to the gym. Power of 10 is based on a remarkably advanced yet simple discovery: By lifting weights in a series of ultra-slow movements that last 10 seconds each, you can stimulate lean muscle formation far more efficiently and safely than regular weight lifting or aerobics. Together with a healthy nutrition plan, Power of 10 is so powerfully effective that as little as one 20-minute workout per week is enough to build muscle, burn fat, and improve cardiovascular health at any age.

ace functional training specialist: The New Rules of Lifting For Life Lou Schuler, Alwyn Cosgrove, 2012-04-26 A customizable-and realistic-fitness program specifically created for midlifers who want to lose weight, revitalize energy, and build habits for increased longevity. Today's exercising adults are caught in a bind: Those who take it seriously and work out aggressively end up with chronic aches and pains in midlife because they don't know how to adjust their programs as they get older. And those who take it easy end up with overfed, underdeveloped bodies that don't respond well when they decide to get serious about exercise. Lou Schuler and Alwyn Cosgrove, fitness experts and authors of The New Rules of Lifting series know all too well that these readers need a program of their own. That's because they are these readers. Schuler started working out in his early teens. After forty years, he realized he couldn't do the programs in his own books without lots of modifications. And Cosgrove, a former European champion in tae kwon do, is a two- time survivor of stage IV cancer who found himself with limited endurance and a body that stubbornly refused to add muscle or shed fat. So the authors set out to create a new template for exercise, one that delivers serious results but is also flexible enough to accommodate individual limitations. The New Rules of Lifting for Life offers a six-month plan that balances total-body strength, endurance, mobility, balance, coordination, and athleticism. The workouts are challenging and, in conjunction with the suggested diet modifications, will help readers change the way their bodies look, feel, and perform. And not just temporarily- The New Rules of Lifting for Life allows you to enjoy productive and pain-free workouts for many years to come.

ace functional training specialist: Help Clients Lose Weight IDEA Health & Fitness, 2002

ace functional training specialist: Built from Broken Scott H Hogan, 2021-07 Built from Broken is a complete, research-backed corrective exercise guide to healing painful joints and building a resilient body. Most middle-aged fitness enthusiasts and athletes have been dragged down by joint pain, injuries, and all the other ailments that are commonly accepted as part of getting older. This book systematically dissects the common causes of joint pain, explaining the latest science of tendinopathy and pain management, and provides a complete road map for conquering joint pain, improving movement and posture, and building a strong, functional body that stands the test of time.

ace functional training specialist: The Time-Saver's Workout John Little, 2019-04-09 There is something terribly wrong with the state of exercise as we know it presently. Sales of treadmills, running shoes, gym memberships, and yoga classes are at an all-time high, but so too are our national levels of obesity and type II diabetes. Ever since the 1960s the exercising public has been told to stretch for flexibility and to perform low-intensity steady-state aerobic exercise for their cardiovascular systems and some form of resistance training to keep their muscles strong. With regard to diet, they have been told to restrict or omit macronutrients such as fats and carbohydrates and lots of other advice with regard to calorie-counting. Could it be that this information, however well intended, was mistaken? And is it really necessary to devote so much time to the pursuit? Fitness researcher and pioneer John Little has spent more than twelve years researching the actual science underpinning our most prevalent beliefs about exercise and has come away from the enterprise convinced that we need an entirely new paradigm, one that would involve reliance on briefer workouts. He presents this revolutionary new approach in The Time-Saver's Workout. Among the fascinating revelations presented in this book: • Certain types of exercise can actually make you

less healthy and fatter. • Taking large doses of food supplements might actually shorten your life and put you at greater risk for disease. • Stretching to become more flexible or to recover quicker from injury has been found to do neither of these things. • Resistance training, once considered to be the weak sister of exercise, is now looking like the best form of exercise one should engage in. The new protocols that Little exposes offer a far safer alternative for those looking to become stronger, fitter, and healthier without spending their lives in the gym.

ace functional training specialist: Sports Nutrition for Health Professionals Natalie Digate Muth, Michelle Murphy Zive, 2019-09-04 Sports Nutrition for Health Professionals merges the basic principles and latest evidence-based scientific understanding of sports nutrition with the real-world practical applications that health professional students must master to help their current and future clients to optimize athletic performance, overall satisfaction and success with sports and physical activity. Step-by-by, you'll learn about the scientific basis of sports nutrition and how to apply that knowledge to real-life situations and interactions with clients. You'll follow six different clients as they are evaluated by a variety of health professionals and undergo a series of assessments and self-administered tests. By seeing how the science of Sports Nutrition can be applied to sample clients, you will be able to take that knowledge and apply it to your future clients.

ace functional training specialist: Advanced Personal Training Paul Hough, Brad J. Schoenfeld, 2021-11-22 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.

ace functional training specialist: Joint-Friendly Fitness Bill Desimone, 2021-01-24 The fitness program for those who don't want to aggravate old injuries-or risk new ones.For many, General Fitness is a perfectly acceptable goal. The benefits are numerous and established, and regular exercise is something you can do on your own behalf.But the hard-core images can get in the way. Bodybuilding, the combative sports, and extreme exercise can all produce impressive bodies, but impressive injuries as well. If staying injury-free is a major priority for you, these may not be the best influence on your workouts.Joint-Friendly Fitness is an approach to exercise that puts using your body safely first, above all other aspects of your program. It draws on anatomy, biomechanics, and physiology to determine how the muscles and joints work properly, and then applies that to exercise instructions. The goal is to get more fit, toned, and flexible while managing the risk of your workout itself causing an injury.Joint-Friendly Fitness is designed to avoid both the obvious injuries that happen during your workout, and the not-as-obvious wear and tear that leads to new injuries and chronic conditions. And what makes it The Optimal Exercise Program is that you can achieve the level of general fitness you desire, from looking better in clothes and moving without achy joints, to supporting your golf game or your 5ks, in the time and effort you have to devote to it.In this profusely illustrated manual, you will learn: How to use free weights, machines, cardio, and other exercises in a way that is more effective for conditioning yet easier on the joints. How your joints and muscles work most effectively, what their vulnerable positions are, and how to protect them

during exercise. And how to organize your program for sustainable training with the intent of staying injury free. Strengthen your muscles, protect your joints, avoid injury...and benefit from exercise over a lifetime.

ace functional training specialist: Recovery for Performance in Sport Christophe Hausswirth, Iñigo Mujika, Institut national du sport et de l'éducation physique (France), 2013 Recovery for Performance in Sport encompasses the latest scientific research in the study of recovery and draws from the experience of applied sport scientists working with elite athletes in leading performance and recovery centers around the globe.

ace functional training specialist: Delay the Disease David Zid, 2007-01-01 The exercise program is a collaboration between a certified personal trainer, David Zid, a nurse, Jackie Russell and an orthopedic surgeon, Dr. Thomas Mallory, who retired due to Parkinson's disease. The idea was sparked when Dr. Mallory discovered that a daily exercise routine created for him by Zid seemed to dramatically improve his symptoms. The result was a book detailing a fitness plan for Parkinson's patients at every stage of the disease. The 70 page spiral bound book lays flat enabling the person to easily consult each Parkinson's specific exercise which is illustrated in full color with a detailed description on how to perform the exercise. Emphasis is placed on activities of daily living that frequently become a challenge to those with Parkinson's, such as rising from a chair or moving around in crowds. The program is well thought out and works the entire body.

ace functional training specialist: CASP+ CompTIA Advanced Security Practitioner Study Guide Nadean H. Tanner, Jeff T. Parker, 2022-09-15 Prepare to succeed in your new cybersecurity career with the challenging and sought-after CASP+ credential In the newly updated Fourth Edition of CASP+ CompTIA Advanced Security Practitioner Study Guide Exam CAS-004, risk management and compliance expert Jeff Parker walks you through critical security topics and hands-on labs designed to prepare you for the new CompTIA Advanced Security Professional exam and a career in cybersecurity implementation. Content and chapter structure of this Fourth edition was developed and restructured to represent the CAS-004 Exam Objectives. From operations and architecture concepts, techniques and requirements to risk analysis, mobile and small-form factor device security, secure cloud integration, and cryptography, you'll learn the cybersecurity technical skills you'll need to succeed on the new CAS-004 exam, impress interviewers during your job search, and excel in your new career in cybersecurity implementation. This comprehensive book offers: Efficient preparation for a challenging and rewarding career in implementing specific solutions within cybersecurity policies and frameworks A robust grounding in the technical skills you'll need to impress during cybersecurity interviews Content delivered through scenarios, a strong focus of the CAS-004 Exam Access to an interactive online test bank and study tools, including bonus practice exam questions, electronic flashcards, and a searchable glossary of key terms Perfect for anyone preparing for the CASP+ (CAS-004) exam and a new career in cybersecurity, CASP+ CompTIA Advanced Security Practitioner Study Guide Exam CAS-004 is also an ideal resource for current IT professionals wanting to promote their cybersecurity skills or prepare for a career transition into enterprise cybersecurity.

ace functional training specialist: Yoga for Golfers Katherine Roberts, 2004-03-22 From the unquestioned expert in the field, the authoritative guide to yoga for golfers Working with Katherine for the last couple of years has allowed me to compete at a very high level. --Gary McCord, CBS golf commentator and Senior PGA Tour player Katherine Roberts, founder and host of the Yoga for Golfers program on the Golf Channel, offers her unique educational methods in this groundbreaking book, providing instruction to the millions of golfers--including many top tour professionals--who have turned to the art of yoga to improve their game. Based on 20 years of expertise, Yoga for Golfers connects the mind and body to create a powerful fitness regimen, including: Yoga postures specifically selected for a golfer's needs Proper breathing techniques Mind-relaxation methods Injury-reducing stretches Visualization tools--for success on and off the course

ace functional training specialist: Department of Defense Dictionary of Military and Associated Terms United States. Joint Chiefs of Staff, 1979

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