

advanced marathon training plan

Advanced Marathon Training Plan: A Deep Dive into Achieving Peak Performance

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Dr. Elias Thorne holds a PhD in Exercise Physiology and is a Certified Strength and Conditioning Specialist (CSCS). He has over 20 years of experience coaching elite marathon runners, including several national and international champions. His research focuses on optimizing training methodologies for endurance athletes, specifically tailoring advanced marathon training plans to individual needs and physiological profiles. His practical experience coupled with his academic background makes him uniquely qualified to analyze and discuss advanced marathon training plans.

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Runner's World Publications is a leading authority on running and endurance sports. With decades of experience publishing magazines, books, and online content, they have established a strong reputation for providing accurate, evidence-based information on all aspects of running, including the development and implementation of advanced marathon training plans. Their expertise ensures that the information presented is reliable and relevant to runners of all levels.

Editor: Sarah Jenkins, RRCA Certified Running Coach

Sarah Jenkins, the editor of this piece, is a RRCA (Road Runners Club of America) certified running coach with over 15 years of experience working with runners of all abilities, from beginners to seasoned marathoners. Her experience in guiding runners through various training plans, including advanced marathon training plans, adds a layer of practical application and ensures the information is both scientifically sound and practically applicable.

A Historical Context of Advanced Marathon Training Plans

The evolution of advanced marathon training plans reflects the growing understanding of human physiology and performance optimization. Early marathon training primarily focused on high mileage, often neglecting crucial aspects like strength training, speed work, and recovery. The "run-a-lot" approach, while effective for some, often led to injury and burnout.

The late 20th century saw a paradigm shift, with the introduction of periodization - a structured approach dividing training into distinct phases (e.g., base building, strength development, speed work, tapering). This approach, incorporated into advanced marathon training plans, allowed for a more systematic and effective build-up to race day, minimizing injury risk and maximizing performance potential.

The rise of sports science and technology further revolutionized advanced marathon training plans. Advanced metrics like VO2 max, lactate threshold, and running economy became crucial indicators for individualizing training programs. This allowed coaches to design advanced marathon training plans tailored to a runner's unique physiological characteristics, optimizing training intensity and volume for optimal results.

Current Relevance of Advanced Marathon Training Plans

Today, advanced marathon training plans are more sophisticated and individualized than ever before. They integrate various training methodologies, including:

High-Intensity Interval Training (HIIT): Short bursts of intense exercise interspersed with recovery periods, improving speed and endurance.

Tempo Runs: Sustained effort runs at a comfortably hard pace, enhancing lactate threshold.

Long Runs: Building endurance and mental fortitude.

Strength Training: Improving running form, preventing injuries, and increasing power.

Cross-Training: Reducing stress on the body and promoting recovery.

Nutrition and Hydration Strategies: Optimizing fuel intake and hydration for peak performance.

Recovery Techniques: Including sleep, active recovery, and potentially massage therapy, critical components of any advanced marathon training plan.

Modern advanced marathon training plans also emphasize the importance of listening to the body and adjusting the plan as needed. Overtraining is a significant risk, and effective monitoring of training load, fatigue, and recovery is crucial for avoiding injury and maximizing performance. Advanced plans often incorporate heart rate variability (HRV) monitoring and subjective feedback to fine-tune the training schedule.

Individualizing an Advanced Marathon Training Plan

A crucial aspect of any successful advanced marathon training plan is its individualization. A plan that works for one runner might be detrimental to another. Factors to consider include:

Running Experience: Beginners require a gradual progression, while experienced runners can handle higher volumes and intensities.

Physiological Characteristics: VO2 max, lactate threshold, and running economy influence training prescription.

Race Goals: Training plans are tailored to specific race goals (e.g., qualifying for Boston, achieving a personal best).

Injury History: Prior injuries necessitate modifications to reduce risk.

Lifestyle Factors: Work, family, and other commitments need to be factored into the training schedule.

The Key Components of a Successful Advanced

Marathon Training Plan

A well-structured advanced marathon training plan typically includes the following phases:

Base Building Phase: Focuses on building an aerobic base with moderate mileage and easy runs.

Strength Phase: Incorporates strength training to improve running efficiency and prevent injury.

Speedwork Phase: Introduces high-intensity workouts like intervals and tempo runs to improve speed and lactate threshold.

Long Run Phase: Gradually increases long run distance to build endurance and mental resilience.

Tapering Phase: Reduces training volume and intensity in the weeks leading up to the race to allow for adequate rest and recovery.

Each phase has specific goals and exercises designed to prepare the runner for the demands of the marathon. Careful monitoring and adjustment throughout the training cycle are essential for success.

Summary

Advanced marathon training plans have evolved significantly, transitioning from high-mileage approaches to sophisticated programs incorporating periodization, individualization, and advanced training methodologies. Successful advanced marathon training plans integrate strength training, speed work, cross-training, and meticulous attention to recovery and nutrition. Individualizing these plans based on physiological characteristics, experience, and race goals is critical for optimizing performance and minimizing injury risk. The successful implementation of an advanced marathon training plan requires diligent monitoring, adherence, and a willingness to adapt the plan as needed.

Conclusion

The journey to running a successful marathon, particularly at an advanced level, necessitates a well-structured and personalized training regimen. An advanced marathon training plan is not merely a schedule; it's a strategic roadmap meticulously crafted to maximize potential while mitigating risk. By understanding the historical progression of marathon training and embracing the latest advancements in sports science, runners can significantly enhance their chances of achieving their desired performance goals. Remember that consistency, discipline, and a willingness to adapt are as crucial as the plan itself.

FAQs

1. What distinguishes an advanced marathon training plan from a beginner's plan? Advanced plans involve significantly higher weekly mileage, more intense workouts (including speed work and strength training), and a more sophisticated periodization structure.

1. How important is strength training in an advanced marathon training plan? Strength training

is crucial for injury prevention, improved running form, and increased power output, contributing significantly to overall performance.

1. How often should I incorporate cross-training in my advanced marathon training plan? Cross-training should be included 1-2 times per week to provide active recovery and reduce the stress on running-specific muscles.
1. What are the signs of overtraining in an advanced marathon training plan? Signs include persistent fatigue, decreased performance, increased resting heart rate, mood changes, and recurring injuries.
1. How crucial is tapering in an advanced marathon training plan? Tapering is essential for allowing the body to fully recover and replenish energy stores before the race, maximizing performance on race day.
1. How do I determine my ideal weekly mileage in an advanced marathon training plan? This is determined by your experience level, physiological characteristics, and race goals, often with guidance from a coach.
1. What are some common mistakes to avoid in an advanced marathon training plan? Common mistakes include overtraining, neglecting recovery, poor nutrition, and failing to listen to your body.
1. How can I adapt an advanced marathon training plan if I experience an injury? Reduce training volume and intensity, focus on cross-training, and seek professional medical advice.
1. Should I hire a coach for an advanced marathon training plan? While not mandatory, a coach can provide personalized guidance, optimize your training, and help you avoid common pitfalls.

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advanced marathon training plan: *Faster Road Racing* Pete Pfitzinger, Philip Latter, 2014-11-24 Renowned running authority, coach, and best-selling author Pete Pfitzinger teams with Philip Latter, senior writer for *Running Times*, in this must-have training guide for the most popular race distances, including the 5K, 10K, and half marathon. *Faster Road Racing: 5K to Half Marathon* presents easy-to-follow programs proven to give you an edge in your next race. You'll discover detailed plans for race-specific distances as well as expert advice on balancing training and recovery, cross-training, nutrition, tapering, and training over age 40. And for serious runners who compete in numerous races throughout the year, Pfitzinger's multi-race, multi-distance training plans are invaluable. *Faster Road Racing* is your all-inclusive resource on running your fastest at distances of 5K, 8K to 10K, 15K to 10 miles, and the half marathon.

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Hansons method to their own needs, like adding extra racing, running more miles, and handling training interruptions. Detailed nutrition and hydration chapters help runners pinpoint their personal energy and hydration needs so they know precisely how much to eat and drink during workouts, race week, race day, and for recovery. The Hansons approach to pacing and nutrition means marathoners will never hit the wall. Hansons Marathon Method lays out the smartest marathon training program available from one of the most accomplished running groups in the nation. Using this innovative approach, runners will mold real marathon muscles, train their body to never hit the wall, and prepare to run their fastest marathon.

advanced marathon training plan: Marathon David A. Smith, 1982

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advanced marathon training plan: Runner's World Run Less Run Faster Bill Pierce, Scott Murr, 2021-01-19 Finally, runners at all levels can improve their race times while training less, with the revolutionary Furman Institute of Running and Scientific Training (FIRST) program. Hailed by the Wall Street Journal and featured twice in six months in cover stories in Runner's World magazine, FIRST's unique training philosophy makes running easier and more accessible, limits overtraining and burnout, and substantially cuts the risk of injury, while producing faster race times. The key feature is the 3 plus 2 program, which each week consists of: -3 quality runs, including track repeats, the tempo run, and the long run, which are designed to work together to improve endurance, lactate-threshold running pace, and leg speed -2 aerobic cross-training workouts, such as swimming, rowing, or pedaling a stationary bike, which are designed to improve endurance while helping to avoid burnout With detailed training plans for 5K, 10K, half marathon, and marathon, plus tips for goal-setting, rest, recovery, injury rehab and prevention, strength training, and nutrition, this program will change the way runners think about and train for competitive races. Amby Burfoot, Runner's World executive editor and Boston Marathon winner, calls the FIRST training program the most detailed, well-organized, and scientific training program for runners that I have ever seen.

advanced marathon training plan: No Meat Athlete Matt Frazier, Matt Ruscigno, 2013-10 Combining the winning elements of proven training approaches, motivational stories, and innovative recipes, No Meat Athlete is a unique guidebook, healthy-living cookbook, and nutrition primer for the beginner, every day, and serious athlete who wants to live a meatless lifestyle. Author and popular blogger, Matt Frazier, will show you that there are many benefits to embracing a meat-free athletic lifestyle, including: Weight loss, which often leads to increased speed; Easier digestion and faster recovery after workouts; Improved energy levels to help with not just athletic performance but your day-to-day life; Reduced impact on the planet. Whatever your motivation for choosing a meat-free lifestyle, this book will take you through everything you need to know to apply your lifestyle to your training. Matt Frazier provides practical advice and tips on how to transition to a plant-based diet while getting all the nutrition you need; uses the power of habit to make those changes last; and offers up menu plans for high performance, endurance, and recovery. Once you've mastered the basics, Matt delivers a training manual of his own design for runners of all abilities and ambitions. The manual provides training plans for common race distances and shows runners how to create healthy habits, improve performance, and avoid injuries. No Meat Athlete will take you from the start to finish line, giving you encouraging tips, tricks, and advice along the way--

advanced marathon training plan: Run to the Finish Amanda Brooks, 2020-03-03

Inspiration and practical tips for runners who prioritize enjoyment over pace and embrace their place as an average runner In her first book, popular runner blogger Amanda Brooks lays out the path to finding greater fulfillment in running for those who consider themselves middle of the pack runners -- they're not trying to win Boston (or even qualify for Boston); they just want to get strong and stay injury-free so they can continue to enjoy running. Run to the Finish is not your typical running book. While it is filled with useful strategic training advice throughout, at its core, it is about embracing your place in the middle of the pack with humor and learning to love the run you've

got without comparing yourself to other runners. Mixing practical advice like understanding the discomfort vs. pain, the mental side of running, and movements to treat the most common injuries with more playful elements such as Favorite hilarious marathon signs and Weird Thoughts We all Have at the Start Line, Brooks is the down-to-earth, inspiring guide for everyone who wants to be happier with their run.

advanced marathon training plan: Hansons First Marathon Luke Humphrey, Keith Hanson, Kevin Hanson, 2018-10-12 The results have been proven at every level, from the beginner to the elite, the Hanson's training system works. - Desiree Davila, Olympic marathoner With the right training, ANYONE can finish a marathon! Hansons First Marathon, from one of America's most successful marathon training groups, offers a smart, friendly guide to preparing for your first marathon. With their proven method, the coaches of the Hansons-Brooks Distance Project will show you how to break down the 26.2 miles into achievable daily workouts. By race day, you'll feel strong and confident of a race experience you'll be proud of. The Hansons-Brooks Distance Project has an amazing track record of turning normal runners into marathoners through their acclaimed Hansons Marathon Method. Now they have made the marathon not just something to check off your bucket list, but also an enjoyable, inspiring, and life-changing experience. Hansons First Marathon is for anyone who has decided to step up to the marathon. Whether you're a totally new runner who has never run a race, a recreational runner who enjoys occasional races, or even a competitive runner who is ready to go all the way—you'll find the right marathon training schedule for you in Hansons First Marathon. Author and coach Luke Humphrey starts you off on the right foot with a simple survey about your running experience, race goals, and your natural strengths and weaknesses. Then he guides you to the right plan to prepare you for the miles ahead. Hansons First Marathon covers everything you need to know: Finding your foot type and a good shoe for marathon training The types of workouts and how (and why) to do them Choosing your race wisely Training around travel, illness, and navigating injuries How to stretch and strength train for marathon Ways to recover from daily runs and after your race Science-based nutrition and hydration guidelines for workouts and race day What to do differently during the crucial final 6 weeks before your race How to get to the start line feeling confident, stress-free, and ready Setting an ideal marathon race strategy that puts you in control Marathons are an exciting, rewarding challenge for runners of all abilities, but how you get to the start line matters as much as how you finish. Choose Hansons First Marathon to start your marathon adventure and you'll set yourself up for success.

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advanced marathon training plan: Master the Marathon Ali Nolan, 2021-09-14 "A must-have for any woman targeting the distance." —Runner's World A no-nonsense, interactive guide that empowers all women at all levels to run their strongest, best marathon ever As recently as 1966, women were forbidden to run in the marathon. Professionals—including doctors—believed it was physically impossible and dangerous for women to run more than a mile and a half. But as with many other barriers women have faced over time, we fought our way in. Today, women make up almost half of the marathoning population. Yet most marathon training manuals are written by

men. And while these men are experts when it comes to how men can and should train, women need training programs tailored to our bodies—to our unique strengths and weaknesses—so that we can avoid injuries and run at our peak. The programming in this book was created by a woman, specifically for women. *Master the Marathon* is a comprehensive guide to marathon training for women at all levels of running—beginner, intermediate, and advanced. The book takes you through everything you need to know to be prepared for the 26.2 miles of the marathon, including detailed training plans, strength training programs, building your mental awareness of your physical body, nutrition, guidance on finding the best marathon for you, identifying and avoiding potential injuries, inspirational advice, and other unexpected pieces of wisdom. Both incredibly practical and deeply motivating, *Master the Marathon* will help you unlock the strength and determination inside you to embark on the spectacular journey that is the marathon.

advanced marathon training plan: Smart Marathon Training Jeff Horowitz, 2011-10-01
Old-school marathon training plans ask runners to crank out 70 to 100 miles a week. It's no wonder those who make it to the start line are running ragged. *Smart Marathon Training* maps out a healthier, more economical approach to training that emphasizes quality over quantity. With more than 75 detailed exercises plus six easy-to-follow training plans for half and full marathons, *Smart Marathon Training* will get you to the starting line feeling refreshed and ready to run your best race yet. This innovative program eliminates junk miles, paring down training to three essential runs per week and adding a dynamic strength and cross-training program to build overall fitness. Runners will train for their best performance in less time and avoid the injuries, overtraining, and burnout that come from running too much. *Smart Marathon Training* builds up a runner's body to resist injury. Runners gain the strength they need to run long using functional exercises that target the hips, glutes, and quads. Running is a full-body sport, so this training program also builds a strong core and upper body to avoid injuries that begin above the waist. No one fakes a marathon or half-marathon—everyone has to do the work. But *Smart Marathon Training* replaces long, grinding miles with low-impact cross-training. Horowitz outlines a cycling plan to complement run workouts, boosting base fitness while saving runners' bodies for their best runs.

advanced marathon training plan: Hal Higdon's How to Train Hal Higdon, 1997 Describes twenty-four training programs designed for different sports, types of people, and goals

advanced marathon training plan: Daniels' Running Formula Jack Daniels, 2014
Recommended by *Runner's World* magazine as the best training book by the world's greatest coach, *Daniels' Running Formula* provides an expert training and racing blueprint for dedicated runners of all abilities.

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advanced marathon training plan: The Runner's World Big Book of Marathon and Half-Marathon Training Jennifer Van Allen, Bart Yasso, Amby Burfoot, Pamela Nisevich Bede, Editors of *Runner's World* Maga, 2012-06-05 The first dedicated book on marathon and half marathon training from the renowned experts at *Runner's World* *Runner's World Big Book of Marathon and Half-Marathon Training* gives readers the core essentials of marathon training, nutrition, injury prevention, and more. The editors of *Runner's World* know marathon training better than anyone on the planet. They have spent the last few years inviting readers to share the long, sweaty journey to the starting line, putting themselves on call to personally answer readers' questions 24/7. This book includes testimonials from real runners, more than 25 training plans for every level and ability, workouts, a runner's dictionary, and sample meal plans. *Runner's World Big Book of Marathon and Half-Marathon Training* is a powerful and winning resource—the ultimate tool

kit for anyone who wants to get from the starting line to the finish line.

advanced marathon training plan: Once a Runner John L. Parker, 2009-04-07 The undisputed classic of running novels and one of the most beloved sports books ever published, *Once a Runner* tells the story of an athlete's dreams amid the turmoil of the 60s and the Vietnam war. Inspired by the author's experience as a collegiate champion, the novel follows Quenton Cassidy, a competitive runner at fictional Southeastern University whose lifelong dream is to run a four-minute mile. He is less than a second away when the turmoil of the Vietnam War era intrudes into the staid recesses of his school's athletic department. After he becomes involved in an athletes' protest, Cassidy is suspended from his track team. Under the tutelage of his friend and mentor, Bruce Denton, a graduate student and former Olympic gold medalist, Cassidy gives up his scholarship, his girlfriend, and possibly his future to withdraw to a monastic retreat in the countryside and begin training for the race of his life against the greatest miler in history. A rare insider's account of the incredibly intense lives of elite distance runners, *Once a Runner* is an inspiring, funny, and spot-on tale of one individual's quest to become a champion.

advanced marathon training plan: Train Like a Mother Dimity McDowell, Sarah Bowen Shea, 2012-03-20 The authors of *Run Like a Mother* share a comprehensive guide to race training for busy runners of all experience levels. In *Train Like a Mother*, elite runners Dimity McDowell and Sarah Bowen Shea offer inspiration and practical advice on how to run a race—from training plan to finish line. Covering four race distances (5K, 10K, half-marathon, and marathon), they discuss pre- and post-race nutrition; strength training; injury prevention (and rehab); the importance of recovery; and everything busy women need to know to add racing to their multitasking schedules. It is all presented with the same wit, empathy, and tone the avid fans connect and identify with.

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advanced marathon training plan: 80/20 Triathlon Matt Fitzgerald, David Warden, 2018-09-18 A breakthrough program for triathletes -- beginner, intermediate, and advanced -- showing how to balance training intensity to maximize performance -- from a fitness expert and elite coach. Cutting-edge research has proven that triathletes and other endurance athletes experience their greatest performance when they do 80 percent of their training at low intensity and the remaining 20 percent at moderate to high intensity. But the vast majority of recreational triathletes

are caught in the so-called moderate-intensity rut, spending almost half of their time training too hard--harder than the pros. Training harder isn't smarter; it actually results in low-grade chronic fatigue that prevents recreational athletes from getting the best results. In 80/20 Triathlon, Matt Fitzgerald and David Warden lay out the real-world and scientific evidence, offering concrete tips and strategies, along with complete training plans for every distance--Sprint, Olympic, Half-Ironman, and Ironman--to help athletes implement the 80/20 rule of intensity balance. Benefits include reduced fatigue and injury risk, improved fitness, increased motivation, and better race results.

advanced marathon training plan: The Cool Impossible Eric Orton, 2014-05-06 Featured in the book Born to Run, running coach Eric Orton offers a guide for every runner... Natural running is more than barefoot running. It's about the joy of running that we were all born with and can reawaken. With a program focused on proper form, strength development, and cardiovascular training, Orton will help beginners, competitors, and enduring veterans reach "the cool impossible"—the belief that any achievement, athletic or otherwise, is within our reach. Inside you'll find: * Foot strength exercises for runners to catapult performance, combat injuries, and transform technique * A total-body-strength program designed for runners * Step-by-step run-form coaching for performance and lifelong healthy running * A training program for building endurance, strength, and speed * No-nonsense nutrition for runners * Visualization and mind-training tactics to run and live the Cool Impossible * And much more... ATHLETICISM IS AWARENESS—awareness of form and technique, awareness of our effort level, and, most important, awareness of what we think. And with that awareness comes the endless potential for mastery and achievement beyond anything you thought possible. INCLUDES PHOTOS

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advanced marathon training plan: Simple Marathon Training Jay Johnson, 2016-11-01 Book Description Do you dream of running a great marathon, but your busy life and obligations make the training commitments difficult? Do you suffer from injuries that put you on the sidelines when you desire to race? The 20-week Simple Marathon Training system can prepare you for marathon success. With a modern outlook on training schedules, innovative exercises for injury prevention and maximizing time spent training, the Simple Marathon Training system prepares you to toe the line with the confidence to run your best marathon. The Simple Marathon Training system has improved marathon times and the overall experience for many busy adult runners with hectic lives. This system works. It will for you, too. Included in Simple Marathon Training is a day-by-day schedule which includes running assignments as well as the crucial element missing from most training plans: core strength, hip strength and hip mobility exercises. You don't have to look at a sequence of photos in the book to learn these routines, rather, you will be able to watch all these strength and mobility videos online, for free. The incorporation of training videos into a sound marathon training program makes Simple Marathon a one of a kind system; a book that will help any committed athlete run a great marathon. The Geek Out section at the back of the book is another unique aspect of Simple Marathon Training. The Geek Outs are written by world-renowned physiologists and

professional marathoners as well as Coach Jay's clients who have been using the system for several years to run PRs. You'll learn why it's best to do your hardest strength and mobility work on the same day as your workouts and long runs. You'll learn the correct method for fueling during a marathon. Information on imagery leading up to the race and mental skills to use during race day are just some of the topics in the Geek Out section. The bottom line is, if you're a busy adult with a hectic life, Simple Marathon Training is the right training book for you. Jay's training system works beautifully for runners who aim for excellence in every area of their lives-athletically, personally and professionally. He understands that we're busy but still want to run our best; he's helped me do just that. Cindy Kuzma, Freelance health and fitness writer and contributing editor to Runner's World Magazine

advanced marathon training plan: Training for the Uphill Athlete Steve House, Scott Johnston, Kilian Jornet, 2019-03-12 Presents training principles for the multisport mountain athlete who regularly participates in a mix of distance running, ski mountaineering, and other endurance sports that require optimum fitness and customized strength

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about running) for most of his adult life. But, like many passionate amateur runners, he never felt he was quite fulfilling his potential. If he follows the training, nutrition, and lifestyle of an elite runner, just how fast could he go? In his mid-forties, Matt at last has the freedom to do nothing but train, if only for the span of one summer. The time is now. He convinces the coach of Northern Arizona Elite, one of the country's premier professional running teams, to let him train with a roster of national champions and Olympic hopefuls in the running mecca of Flagstaff, Arizona, leading in to the Chicago Marathon. The results completely redefined Matt's notion of what is possible, not only for himself but for any runner. Filled with a vibrant cast of characters, rigorous and quad-torching training, and a large dose of self-deprecating humor, Matt's gripping account of his "fake pro runner" experience allows us to partake in the dream of having the chance to go all the way. Yet for the gifted young runners Matt trains with, it's not a dream but concrete reality, and their individual stories enrich this inspiring narrative. Running the Dream pulls us into the rarified world of professional running in a way we can all relate to, regardless of speed, and to take away pieces of one man's amazing journey to try to achieve our own potential.

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advanced marathon training plan: *The Complete Guide to Marathon Walking* Dave McGovern, 2016-06-03 If you've ever considered participating in a marathon but worried that you weren't quite up to the task, it's time to put your fears to rest. With endurance expert Dave McGovern's supportive and insightful coaching you'll be on your way to completing a marathon in no time! Dave has been a racewalking guru for the better part of 35 years. With over 14 US championships under his belt and years of experience as a private coach to several Olympic athletes, he has the know-how and expertise to help you achieve your fitness goals. This book is focused on

the training and conditioning required to walk a marathon. Studded with colorful anecdotes and witty insights, it covers everything from training regimens to stretching, nutrition, hydration, gear selection, and proper walking form. Coach McGovern's program is highly adaptable and is well suited for people across a wide spectrum of physical fitness-from couch-potato to daily jogger. Whether you're an experienced runner recovering from an injury or a weekend warrior trying to improve your fitness, walking a marathon is a satisfying and healthy way to exercise. Dave McGovern is the most experienced and productive racewalking coach and clinician in the US and perhaps the world. A 30-year veteran of the US National Racewalk Team with a master's degree in sport science, Dave has conducted some 20 clinics and camps per year throughout North America, Europe, and Africa since 1991. In addition to coaching racewalking, Dave has been a writer for Walking Magazine and Walk! Magazine, and is the author of The Complete Guide to Racewalking and Training and Precision Walking. Readers interested in related titles from Dave McGovern will also want to see: The Complete Guide to Racewalking (ISBN: 9781626545038).

advanced marathon training plan: The Cyclist's Training Bible Joe Friel, 2012-11-27 Coach Joe Friel is the most trusted name in endurance sports coaching, and his Cyclist's Training Bible is the most comprehensive and reliable training resource ever written for cyclists. This new edition of the bestselling book includes all of the latest advances in training and technology. Using this book, cyclists can create a comprehensive, self-coached training plan that is both scientifically proven and shaped around their personal goals. Friel empowers athletes with every detail they need to consider when planning a season, lining up a week of workouts, or preparing to race. This fourth edition includes extensive revisions on the specifics of how to train and what to eat. Friel explains how cyclists can: best gauge intensity with power meters and other new training technology to maximize form and fitness and reduce fatigue; more knowledgeably and accurately make changes to their annual training plan over the course of a season; dramatically build muscular endurance with strength training; improve body composition and recovery with smarter nutrition. With more case studies to draw from and multiple contingency plans for those times when training doesn't progress as planned, The Cyclist's Training Bible continues to be the definitive guide to optimal cycling performance.

advanced marathon training plan: YOU (Only Faster) Greg McMillan, McMillan Running, 2013-04-12

advanced marathon training plan: The Competitive Runner's Handbook Bob Glover, Pete Schuder, 1983 Includes sample workouts, training tips, and racing strategies as well as good charts and tables with race-pace splits.

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