

ham radio general study guide

Ham Radio General Study Guide: Your Path to Becoming a Licensed Operator

ham radio general study guide is an essential resource for anyone eager to dive into the fascinating world of amateur radio. Whether you're a hobbyist fascinated by long-distance communication, a tech enthusiast, or someone preparing to take the FCC General Class license exam, this guide will help you navigate the core concepts, technical knowledge, and practical skills necessary to succeed. Ham radio offers an exciting blend of science, technology, and community, and understanding the General Class license is a significant step toward unlocking more frequencies and greater privileges on the airwaves.

Understanding the Importance of the General Class License

Before jumping into the nitty-gritty, it's helpful to grasp why the General Class license holds such importance in the ham radio community. The Federal Communications Commission (FCC) issues different license classes—Technician, General, and Amateur Extra. While the Technician license is the entry-level, the General Class grants access to a much wider range of frequencies, including many HF (high-frequency) bands that are perfect for long-distance communications.

What Does the General Class License Offer?

The General Class license expands your operating privileges and allows you to:

- Transmit on most HF bands, enabling worldwide communication.
- Access additional VHF and UHF bands.
- Participate in contests and emergency communications with more flexibility.
- Operate higher power levels, which can improve your signal reach.

With these privileges, you'll experience the true spirit of ham radio—connecting with operators across continents, experimenting with antennas, and engaging in community service during emergencies.

Core Topics Covered in the Ham Radio General Study Guide

The General Class exam requires a solid understanding of several technical and regulatory topics. Familiarizing yourself with these areas will not only prepare you for the test but also make you a more competent and confident operator.

Radio Theory and Electronics

A significant portion of the exam focuses on the fundamentals of radio operation. You'll learn about:

- Basic electrical principles like Ohm's Law and power calculations.
- Types of radio waves and how they propagate through the atmosphere.
- Modulation methods such as AM, FM, and Single Sideband (SSB).
- Components of radio transmitters and receivers, including transistors, capacitors, and inductors.
- Antenna theory, including types of antennas and how to calculate antenna length.

Understanding these concepts helps you troubleshoot issues, optimize your station, and experiment with building or modifying equipment.

Operating Procedures and Practices

Being a ham operator isn't just about technical know-how; it's also about following community standards and regulations. The General Class study guide covers:

- Proper call sign usage and phonetics.
- Operating etiquette on different bands.
- Emergency communication protocols and the role of ham radio in disaster response.
- Logging and record-keeping requirements.
- Using repeaters and simplex communication.

This knowledge ensures respectful and effective communication with fellow hams worldwide.

Rules and Regulations

The FCC rules regulating amateur radio are an important part of the exam. Topics include:

- Frequency allocations for different license classes.
- Power limits and identification requirements.
- Prohibited transmissions and content restrictions.
- Responsibilities of licensees and how to avoid interference.

Being well-versed in regulations not only helps you pass the exam but also keeps your operations legal and trouble-free.

Effective Study Tips for the General Class Exam

Preparing for the General Class exam may seem daunting at first, but with the right strategies and resources, you can master the material efficiently.

Use Quality Study Materials

Invest in up-to-date study guides and question pools. The question pool changes every few years, so make sure your materials reflect the latest version. Some popular resources include:

- ARRL's General Class License Manual
- HamStudy.org for practice exams and flashcards
- Apps designed for ham exam preparation, available on smartphones and tablets

These tools help you familiarize yourself with the question format and reinforce key concepts.

Practice with Sample Exams

Taking practice tests is one of the most effective ways to prepare. They help you:

- Identify which topics need more attention.
- Get comfortable with time constraints and question styles.

- Reduce exam-day anxiety.

Many websites and apps offer free practice exams that simulate the real test environment.

Join Local Ham Radio Clubs or Online Communities

Connecting with experienced operators can accelerate your learning. Many clubs offer classes, study sessions, and mentorship programs. Online forums and social media groups also provide support and advice from fellow hams who have recently passed their exams.

Hands-On Experience

If possible, try to get some on-air experience before your test. Many clubs provide access to stations where you can practice transmitting and receiving. This practical exposure makes theoretical knowledge more tangible and boosts your confidence.

Understanding the Exam Structure and Passing Requirements

The General Class exam consists of 35 multiple-choice questions selected from a pool of around 400. You need to answer at least 26 questions correctly to pass, which is about a 74% passing score.

Exam Format

- Multiple-choice questions with four possible answers.
- Questions cover technical knowledge, operating procedures, and FCC rules.
- Exam sessions are typically administered by Volunteer Examiner Coordinators (VECs) at local ham clubs or test centers.

Many testing locations now offer computer-based exams, making the process faster and more streamlined.

After Passing the Exam

Once you pass, your test results are sent to the FCC, and your license will be issued. You'll receive a unique call sign that identifies you on the airwaves. With your General Class license, you can confidently explore new frequencies and modes, participate in contests, and contribute to emergency communications.

Expanding Your Ham Radio Knowledge Beyond the Exam

Passing the General Class exam is just the beginning of an exciting journey. Ham radio is a lifelong hobby with endless opportunities to learn and grow.

Experimenting with Equipment and Antennas

Many operators enjoy building or modifying their own radios and antennas. This hands-on experimentation deepens your understanding of radio theory and can improve your station's performance.

Exploring Digital Modes

Digital communication modes like FT8, PSK31, and DMR are increasingly popular. These modes allow efficient, low-power communication over long distances and often require a computer interface, combining radio skills with digital technology.

Participating in Contests and Field Days

Contests and Field Days challenge your operating skills and station setup under time constraints and changing conditions. These events are fun, social, and a great way to connect with the global ham community.

Emergency Communications and Public Service

Hams play a crucial role during emergencies by providing communications when traditional systems fail. Many operators join groups like ARES (Amateur Radio Emergency Service) or RACES (Radio Amateur Civil Emergency Service) to volunteer their skills.

The ham radio general study guide is your key to unlocking these rewarding experiences. Embrace the learning process, take your time with each topic, and soon you'll be part of a vibrant worldwide community that shares a passion for communication, technology, and service.

Frequently Asked Questions

What topics are covered in the Ham Radio General Study Guide?

The Ham Radio General Study Guide covers topics such as FCC rules and regulations, operating procedures, radio wave propagation, electrical principles, antennas and feed lines, and safety.

How can the Ham Radio General Study Guide help me pass the General Class license exam?

The study guide provides comprehensive coverage of all exam topics, practice questions, and explanations to help you understand key concepts, improving your chances of passing the General Class license exam.

Are there any recommended resources to supplement the Ham Radio General Study Guide?

Yes, recommended resources include the ARRL General Class License Manual, online practice exams, instructional videos, and ham radio forums where you can ask questions and learn from experienced operators.

How long does it typically take to study for the Ham Radio General Class exam using the study guide?

Study time varies depending on prior knowledge and dedication, but most candidates spend between 4 to 8 weeks studying regularly with the guide to feel prepared for the exam.

Is the Ham Radio General Study Guide updated to reflect the latest FCC rules?

Reputable Ham Radio General Study Guides are regularly updated to reflect the latest FCC rules and exam question pools, so it's important to use the most current edition for accurate information.

Additional Resources

Ham Radio General Study Guide: Navigating the Path to Amateur Radio Licensing

ham radio general study guide serves as an essential resource for enthusiasts aiming to obtain their amateur radio license. As the world of ham radio continues to evolve with technological advancements and regulatory updates, an accurate and comprehensive study guide becomes indispensable for aspirants. This article delves into the nuances of ham radio licensing, providing a critical analysis of study materials, exam structures, and effective preparation strategies to help candidates succeed.

Understanding the Importance of a Ham Radio General Study Guide

The journey into amateur radio begins with understanding the licensing framework established by regulatory bodies like the Federal Communications Commission (FCC) in the United States. A ham radio general study guide is more than just a textbook; it is a roadmap that outlines the technical knowledge, operating practices, and regulatory compliance necessary to operate legally and effectively.

Amateur radio licenses are categorized by classes—Technician, General, and Amateur Extra—each granting progressively broader privileges on different frequency bands. The General Class license is particularly significant because it unlocks access to a wide range of HF (high frequency) bands, enabling long-distance communications around the globe. Consequently, the study guide for this level must cover a diverse array of topics, from radio wave propagation and antenna theory to FCC rules and operating procedures.

Key Topics Covered in a General Class Study Guide

A comprehensive ham radio general study guide typically includes the following subject areas:

- **Radio Theory and Principles:** Basic electronics, understanding of Ohm's law, frequency modulation, and signal propagation.
- **Operating Procedures:** Communication protocols, phonetics, Q-codes, and emergency communication etiquette.
- **Rules and Regulations:** FCC rules, station identification, permissible power levels, and band allocations.
- **Equipment and Safety:** Antenna construction, grounding practices, RF safety, and maintenance.
- **Propagation and Antennas:** Ionospheric behavior, skip zones, antenna types, and their characteristics.

Effective Study Strategies for the General Class License Exam

Preparing for the General Class exam can be challenging due to the breadth of material covered. A well-structured ham radio general study guide, combined with disciplined study habits, can significantly enhance the likelihood of success.

Utilizing Multiple Resources

While a primary study guide provides the core content, supplementing it with additional resources such as online practice exams, video tutorials, and discussion forums can deepen understanding. Websites like the ARRL (American Radio Relay League) offer official materials and practice questions that mirror the actual exam format.

Practice Exams: A Cornerstone of Preparation

Regularly taking simulated tests helps candidates familiarize themselves with question formats and time constraints. Many study guides incorporate practice questions at the end of each chapter, but dedicated online platforms often provide more extensive databases with instant feedback.

Joining Ham Radio Clubs and Study Groups

Engagement with local amateur radio communities can provide invaluable mentorship and real-world insights. Experienced operators often share tips on exam preparation and practical operating skills that are not easily gleaned from textbooks alone.

Comparing Popular Ham Radio General Study Guides

Selecting the right study guide can influence the quality of preparation. Among the most reputable resources are the ARRL General Class License Manual, Gordon West's General Class License Manual, and HamTestOnline.

- **ARRL General Class License Manual:** Known for its thoroughness and detailed explanations, it is often considered the definitive guide. The manual also includes diagrams, tables, and historical context to aid comprehension.
- **Gordon West's General Class License Manual:** This guide is praised for its engaging style and structured learning approach, making complex concepts more accessible to beginners.
- **HamTestOnline:** An interactive platform that adapts to the learner's progress, offering a customized learning experience with practice exams and progress tracking.

Each resource has its strengths: ARRL's manual excels in depth, Gordon West's book in readability, and HamTestOnline in interactivity. Candidates are advised to consider their learning preferences when choosing study materials.

Pros and Cons of Self-Study Versus Classroom Courses

Self-study using a ham radio general study guide offers flexibility, allowing learners to progress at their own pace and revisit challenging topics. However, this approach requires self-discipline and may lack immediate feedback.

Conversely, classroom courses provide structured schedules, direct interaction with instructors, and the opportunity to engage with peers. These benefits come at the cost of reduced flexibility and potentially higher expenses.

The Role of Technology in Modern Ham Radio Study Guides

Technological integration has transformed how aspiring amateurs prepare for licensing exams. Digital study guides now often include multimedia elements such as video explanations, interactive quizzes, and mobile apps that facilitate learning on the go.

Moreover, augmented reality (AR) and virtual simulations are emerging tools to visualize antenna setups and radio operations, enhancing conceptual understanding. These innovations are particularly beneficial for complex subjects like propagation and electronic circuitry.

SEO Keywords Integration: Enhancing Discoverability

In the context of digital content, incorporating relevant keywords naturally is critical for reaching the target audience. Terms such as "ham radio license study materials," "General Class exam preparation," "amateur radio practice tests," and "FCC ham radio rules" are frequently searched by prospective operators. Embedding these phrases seamlessly within the study guide content can improve search engine rankings without compromising readability.

Final Thoughts on Preparing for the Ham Radio General Class Exam

A successful approach to earning a General Class amateur radio license hinges on selecting an appropriate ham radio general study guide and complementing it with consistent practice and real-world engagement. The combination of theoretical knowledge and practical experience fosters a deeper appreciation of amateur radio's technical and community aspects.

As the amateur radio landscape continues to expand with digital modes and satellite communications, ongoing learning beyond the initial licensing exam remains vital. Consequently, the study guide is not merely a stepping stone but a foundation for lifelong exploration in the diverse realm of ham radio.

[Ham Radio General Study Guide](#)

ham radio general study guide: Ham Radio Exam Prep Ham Radio Team, 2019-12-06 Are you looking for enough practice and theory to pass the test with a great score? Have you tried shorter books and found them lacking? Look no further - this guide was designed to help students pass their exams the first time. How is this guide different from others? This is a complete guide. It describes every topic in detail and also includes 100 test questions and answers.

ham radio general study guide: Ham Radio General License Exam Secrets Study Guide Ham Radio Exam Secrets Test Prep, 2018-04-12 ***Your #1 Ham Radio General License Test Resource***

ham radio general study guide: Ham Radio Ham Radio Team, 2018-09-29 This book is designed to help those who want to get their license. It includes every topic that shows up on the exam and also 100 test questions with answers. Topics include: Chapter 1 - Knowing Ham Radio Chapter 2 - Getting Acquainted with the Technology Chapter 3 - Handle Your Equipment Well Chapter 4 - How Do Radio Signals Propagate Chapter 5 - Transmission and Reception of Radio Signals Chapter 6 - Finding Your Friends; Finding Other Hams Chapter 7 - Build a Home for your Ham Radio Chapter 8 - Let Your Radio Announce Your Airy Presence Chapter 9 - The Licensing Regulations and System Chapter 10 - Operating Regulations Chapter 11 - Use Communication Skills to Share and Care Chapter 12 - Some Handy Tips for Amateurs 100 Test Questions with Answers

ham radio general study guide: Ham Radio General Class License Study Guide Morse Code Publishing, 2025-02-09

ham radio general study guide: The Simplified Study Guide for the General Class Ham Radio License Exam Rajiv C. Raju, 2009-09-01 This book has only one goal: allow you to pass the General Class (Element 3) Ham radio license exam with the least amount of time and effort. The first two chapters provide concise summaries of all the rules and procedures you need for the test. The third chapter lists all the mathematical formulas required. The next ten chapters cover all of the elements that are listed in the publically available specification for the test. The material is presented in a way that will allow the test taker to easily recognize the correct answer on the real test without being distracted by the wrong answer choices. ABOUT THE AUTHOR: RAJIV RAJU got his first Ham license at the age of 8 as KB9YFO. His main motivation to get a license at that age was to attempt to talk with astronauts on the International Space Station, who were communicating with people on Earth with ham radio. He has held his current call K9RAJ since 2001. Rajiv wrote this book to make the wonderful hobby that is amateur radio accessible to even more people. IMPORTANT NOTE: The content of this book is valid until June 30, 2011.

ham radio general study guide: Ham Radio Technician + General Class License Study Guide Morse Code Publishing, 2025-02-13

ham radio general study guide: Ham Radio General Class Test Self-Study Guide George Freeman, 2018-08-07 All You Need To Pass Your General Class Exam at first attempt! Amateur Licenses in the United States comes in three different classes - Technician, General and Extra Class. This test guide enables you to upgrade from the Technician class to the General Class - which conveys extensive HF privileges (giving you access to the entire range of operating modes and the majority of the amateur spectrum below 30 MHz). Getting on an amateur radio operation requires a license. The purpose of these self-study guide is to help you upgrade your Technician Class License to a General Class operating License with ease. The study guide gives a quick overview of topics you should be familiar with in the General Test category and at the end of the book some test questions that would get you ready. The test is multiple choice and the study guides take you through 509 possible questions including answers for each item. Use this book to study for your General Class license exam. Every page presents information you will need to pass the exam and become an active operator. You'll cover small sections at a time: Procedures and Practices Rules and Regulations Components and Circuits Radio Signals and Equipment Digital Modes Antennas Propagation

Electrical and RF Safety At the end of the book, you'll find the entire General Question Pool. Hit the BUY button to get this Book in your library.

ham radio general study guide: The Fast Track to Your General Class Ham Radio

License Michael Burnette, 2019-05-08 This is the edition to purchase if you plan to take your General Exam after July 1, 2019. If your plan is to take it before then, please see the earlier edition of this program, under the same title. Everything you need to prepare for your General Class ham license. Covers every question on the General exam. Memorizing 400+ random answers is hard -- and boring. Learning is easy! If you've made the decision to open up your ham radio world by going for the General Class License, great! General is certainly more challenging than Technician, but The Fast Track to Your General Class Ham Radio License explains the reasoning and technology behind each correct answer on the General Class exam so you'll understand and remember the subject matter. Created by an experienced ham and adult educator, it's like having your own, patient, experienced, good-humored mentor for the exam. To get your General Class license you must pass a multiple-choice test. The General license test consists of 35 questions drawn from a pool of 462. Memorizing the answers to 462 disconnected questions is difficult, but The Fast Track makes getting your upgrade easier by explaining the logic behind each correct answer. It's simple: When you understand the material, and you have a context for the material, you remember the answers and pass the test. Best of all, once you've passed your exam you'll have a solid grounding in ham radio basics. - Includes every possible question and every answer - Correct answers clearly marked in bold - Precise instructions for how to locate a testing session, how to prepare, and even what to bring -- and what not to bring -- to the test. - All technical topics explained in clear, plain language, often with illustrations - Step by step instructions to solve all the math problems - Test taking strategies - Hints to easily solve many questions and avoid the traps in the test - Written in learning order, not just the (confusing) order of the official question bank. - Covers questions that will be used until June 30, 2019. - Over 300 pages packed with information Rave reviews for The Fast Track To Your Technician Class Ham Radio License: This is a great book. So many of the study guides are just question dumps and it's a horrible way to learn, at least for me. I need an explanation and something to keep my interest and Mr. Burnette's book fit the bill perfectly. I echo all the sentiments of the other reviewers, the author is a top notch communicator. Michael Burnette's ham radio exam prep book is the most useful and comprehensive book that I have found on this subject and makes getting ready for this exam not only easy, but fun. I have learned so much since studying this guide and feel ready to take this exam at a moment's notice. The guide has a wealth of information, not only on the questions and answers, but on the exam itself that is sure to put any test taker's mind at ease. The Audible copy was GREAT because Michael Burnette is an exciting and entertaining and memorable guide! Thank you! Thank you a thousand times over. I bought your book in order to study for my tech license(Kindle version) and the audiobook and I loved them! I originally bought *******'s CD's and they confused me. I bought yours and it made learning simple and enjoyable. I did this to surprise my husband of 30 years who has had a license since the early parts of our marriage. He has asked me off and on to consider getting a license and I kept saying no. Well with the help of your book and audiobook, I was able to blow his doors off and pass my technician exam first try. Now if you only had volumes for general and expert, the world would be perfect. Seriously thanks again.

ham radio general study guide: Plain-English Study Guide for the FCC Amateur Radio

General Class License Richard P. Clem, 2012-04-18 This is a study guide to help you pass the FCC test for the General Class Amateur (Ham) Radio license. Even if you have very little background in radio or electronics, you will be able to pass the test by using this guide. (This book assumes that you have already passed the test for the entry level Technician license. If you haven't, there is a separate Plain English guide for that exam.) All of the concepts are explained in the most basic terms, and each section of the book is followed by the actual questions you will see on the test. When you are finished with this book, you will be able to pass the test!

ham radio general study guide: A Complete Study Guide for Technician, General, Extra Class Ham Radio Exams, and the Volunteer Examiner's Test Joseph Lumpkin, 2012 Technician

Class pool valid until June 30, 2018 - General Class pool valid until June 30, 2015 - Extra Class pool valid until June 30, 2016. - - - Don't think of a black cat. Don't think of a black cat. Do not think of a black cat. The brain does not process negatives very well. It takes in information first and then later attempts to filter out false data. To expose someone to incorrect answers on a test is to place fraudulent information in memory and then say to the brain, Don't remember these answers. It is for this reason the only answers you will encounter in this book are the correct ones. For those who wish to memorize only the answers, there are no formulas needed, no math, no electronics or theories to learn. This manual contains the answers to all possible questions in all tests from Technician Class, General Class and Extra Class license tests. In addition, the manual also provides the answers to the Volunteer Examiner's test. However, many people want to know why and many need a framework on which to relate the answers. That is why this book is arranged so that theories, formulas, rules, and regulations are explained in separate chapters. General theories and concepts of electronics and antenna design along with F.C.C. regulations are presented to the reader. Formulas, explanations, and diagrams from various sources give the reader all the information needed to pass the licensing tests, all in one book. This is a two-pronged approach. You chose the path that is best for you.

ham radio general study guide: Ham Radio Study Guide Ham Radio Study Guide Team, 2015-01-02 Think all Ham Radio study guides are the same? Think again! With easy to understand lessons and practice test questions designed to maximize your score, you'll be ready. You don't want to waste time - and money! - retaking an exam. You want to accelerate your education, not miss opportunities for starting your future career! Every year, thousands of people think that they are ready for the Ham Radio test but realize too late when they get their score back that they were not ready at all. They weren't incapable, and they certainly did their best, but they simply weren't studying the right way. There are a variety of methods to prepare for the Ham Radio test...and they get a variety of results. Trivium Test Prep's Ham Radio study guide provides the information, secrets, and confidence needed to get you the score you need - the first time around. Losing points on the Ham Radio exam can cost you precious time, money, and effort that you shouldn't have to spend. What is in the book? In our Ham Radio study guide, you get the most comprehensive review of all tested concepts. The subjects are easy to understand, and have fully-explained example questions to ensure that you master the material. Best of all, we show you how this information will be applied on the real exam; Three practice exams are included so that you can know, without a doubt, that you are prepared. Our study guide is streamlined and concept-driven so you get better results through more effective study time. Why spend days or even weeks reading through meaningless junk, trying to sort out the helpful information from the fluff? We give you everything you need to know in a concise, comprehensive, and effective package.

ham radio general study guide: Ham Radio License Manual Ham Radio Exam Secrets Test Prep, 2017

ham radio general study guide: Ham Radio License Manual for the General Exam Lydia Morrison, 2024-04-24 Test Prep Books' Ham Radio License Manual for the General Exam: 425+ Practice Questions and Ham Radio Book [For the 2022-2026 Question Set] Made by Test Prep Books experts for test takers trying to achieve a great score on the Ham Radio exam. This comprehensive study guide includes: Quick Overview: Find out what's inside this guide! Test-Taking Strategies: Learn the best tips to help overcome your exam! Introduction: Get a thorough breakdown of what the test is and what's on it! Subelement G1 - Commission's Rules Subelement G2 - Operating Procedures Subelement G3 - Radio Wave Propagation Subelement G4 - Amateur Radio Practices Subelement G5 - Electrical Principles Subelement G6 - Circuit Components Subelement G7 - Practical Circuits Subelement G8 - Signals and Emissions Subelement G9 - Antennas and Feed Lines Subelement G0 - Electrical and RF Safety Practice Test: Practice makes perfect! Detailed Answer Explanations: Figure out where you went wrong and how to improve! Studying can be hard. We get it. That's why we created this guide with these great features and benefits: Comprehensive Review: Each section of the test has a comprehensive review created by Test Prep Books that goes into detail

to cover all of the content likely to appear on the test. Ham Radio Practice Test Questions: We want to give you the best practice you can find. That's why the Test Prep Books practice questions are as close as you can get to the actual test. Answer Explanations: Every single problem is followed by an answer explanation. We know it's frustrating to miss a question and not understand why. The answer explanations will help you learn from your mistakes. That way, you can avoid missing it again in the future. Test-Taking Strategies: A test taker has to understand the material that is being covered and be familiar with the latest test taking strategies. These strategies are necessary to properly use the time provided. They also help test takers complete the test without making any errors. Test Prep Books has provided the top test-taking tips.

ham radio general study guide: The Fast Track to Your General Class Ham Radio

License Michael Burnette, 2018-04-14 Covers every question on the General Class exam, exactly as they will appear on your exam. Memorizing 400+ random answers is hard -- and boring. Learning is easy! If you've made the decision to open up your ham radio world by going for the General Class License, great! General is certainly more challenging than Technician, but The Fast Track to Your General Class Ham Radio License explains the reasoning and technology behind each correct answer on the General Class exam so you'll understand and remember the subject matter. The Fast Track series represents a new, more enjoyable way to learn what you need to know to pass the exam. Rather than a series of random factoids, the questions are presented in a logical, learning order. Created by an experienced ham and adult educator, it's like having your own, patient, experienced, good-humored mentor for the exam. To get your General Class license you must pass a multiple-choice test. The General license test consists of 35 questions drawn from a pool of 462. Memorizing the answers to 462 disconnected questions is difficult, but The Fast Track makes getting your upgrade easier by explaining the logic behind each correct answer. It's simple: When you understand the material, and you have a context for the material, you remember the answers and pass the test. Best of all, once you've passed your exam you'll have a solid grounding in ham radio basics. - Includes every possible question and every answer. - Correct answers clearly marked in bold - Precise instructions for how to locate a testing session, how to prepare, and even what to bring -- and what not to bring -- to the test. - All technical topics explained in clear, plain language, often with illustrations - Step by step instructions to solve all the math problems - Test taking strategies - Hints to easily solve many questions and avoid the traps in the test - Written in learning order, not the (confusing) order of the official question bank. - Complete question index (in print edition) for easy reference. - Covers every question that can be used until June 30, 2019. The questions are exactly as they will appear on your exam. - Over 300 pages packed with information Rave reviews for The Fast Track To Your Technician Class Ham Radio License: This is a great book. So many of the study guides are just question dumps and it's a horrible way to learn, at least for me. I need an explanation and something to keep my interest and Mr. Burnette's book fit the bill perfectly. I echo all the sentiments of the other reviewers, the author is a top notch communicator. Michael Burnette's ham radio exam prep book is the most useful and comprehensive book that I have found on this subject and makes getting ready for this exam not only easy, but fun. I have learned so much since studying this guide and feel ready to take this exam at a moment's notice. The guide has a wealth of information, not only on the questions and answers, but on the exam itself that is sure to put any test taker's mind at ease. The Audible copy was GREAT because Michael Burnette is an exciting and entertaining and memorable guide! Thank you! Thank you a thousand times over. I bought your book in order to study for my tech license(Kindle version) and the audiobook and I loved them! I originally bought ** ****'s CD's and they confused me. I bought yours and it made learning simple and enjoyable. I did this to surprise my husband of 30 years who has had a license since the early parts of our marriage. He has asked me off and on to consider getting a license and I kept saying no. Well with the help of your book and audiobook, I was able to blow his doors off and pass my technician exam first try. Now if you only had volumes for general and expert, the world would be perfect. Seriously thanks again.

ham radio general study guide: The ARRL General Class License Manual for Ham Radio

, 2023

ham radio general study guide: *The Ham Radio Prep General Class License Manual* American Radio Club, 2021-05-29 Everything You Need to Pass The Ham Radio General License Exam □ 3 Full-Length Practice Exams Exactly like the Real FCC Tests □ □ 10 End of Chapter Quizzes for Max Understanding □ □ Access to HamRadioPrep.com's Online Course (\$25 value) □ HamRadioPrep.com(TM) developed a unique study system after grading hundreds of General License Exams through their online course. By identifying which questions students usually get wrong, and providing helpful hints to remember the correct answer, they have truly 'cracked' the Technician Exam. I've used other sites and books, but there is no comparison to these guys. I am amazed at how easy it is to learn using their techniques. - Randy Daley, KN4QHP A Study Guide That Actually Works: ♦ Videos to teach you concepts that a book can't animate ♦ Study on the go with your desktop, mobile, and tablet ♦ Access to the quiz generator for unlimited practice ♦ Powerful strategies to avoid traps and beat the Technician Exam ♦ Step-by-step problem-solving guides for the toughest question types ♦ Key techniques that allow you to study smarter, not harder ♦ Complete review all the FCC Element 2 Questions on the exam ♦ We show you the easy way to master the Math questions (you can miss every single Math question and still pass!) ♦ No Fluffy material that isn't absolutely necessary to pass the exam

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