

# Ham Radio License Manual Revised 2nd Edition Ebook

Everything You Need to Pass The Ham Radio Technician 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 developed a unique study system after grading hundreds of Technician 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, KN4QHPAA Study Guide That Actually Works: - 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- 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

"Pass the 50-question Extra Class test; all the exam questions with answer key, for use beginning July 1, 2008 to June 30, 2012; detailed explanations for all questions including FCC rules"--Cover.

Amateur Radio

Your how-to guide to become a ham Ham radio, or amateur

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radio, is a way to talk with people around the world in real-time, or to send email without any sort of internet connection. It provides a way to keep in touch with friends and family, whether they are across town or across the country. It is also a very important emergency communication system. When cell phones, landlines, the internet, and other systems are down or overloaded, Amateur Radio still gets the message through. Radio amateurs, often called "hams," enjoy radio technology as a hobby, but are often called upon to provide vital service when regular communications systems fail. Ham Radio For Dummies is your guide to everything there is to know about ham radio. Plus, this updated edition provides new and additional information on digital mode operating, as well as use of amateur radio in student science and new operating events.

- Set up your radio station
- Design your ham shack
- Provide support in emergencies and communicate with other hams
- Study for the licensing exam and choose your call sign

If you're looking to join a college radio club or just want to learn the latest tips and tricks, this book is a helpful reference guide to beginners, or those who have been "hams" for years.

Ham tests do not teach what you need to know to get on the air and operate. You've got your license, now what? How do you go about assembling the equipment you need? How do you make your first QSO? How to Get on HF - The Easy Way covers everything you need to know including equipment selection, shack design, antennas, amplifiers, mobile and remote operation, grounding, computers, logging programs, QSO and QSL etiquette, propagation, modes, operating tips and strategies, the DX Code of Conduct, awards, contests, learning CW and much more. Get on HF - The Easy Way! Memorizing answers is hard. Learning is easy! The Fast Track to Your Technician Ham Radio License explains the reasoning and technology behind each correct answer on the

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Amateur Radio 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. Technician is the entry-level ham radio license that lets you operate on all ham channels from 30 MHz up, which includes the very popular VHF and UHF bands. To get your license you must pass a multiple-choice test. The Technician license test consists of 35 questions drawn from a pool of about 350. Memorizing the answers to 350 questions is difficult, but The Fast Track makes getting your license easy by explaining the logic behind each correct answer. It's simple: When you understand 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, most with illustrations - Step by step instructions to solve all the math problems, complete with exactly which keys to press on your calculator for each problem - Test taking strategies - Hints to easily solve many questions and avoid the traps in the test - Written in "learning order," not just the order of the official question bank. - Covers questions that will be used until June 30, 2018. - Nearly 300 pages packed with information

Study manual for FCC Commercial Radio License exams for Element 1 Radio Law, Element 3 General Radiotelephone Operator License, and Element 8 RADAR Endorsement. Includes official FCC question pools for exams starting July 2009. Includes answer explanations and illustrations to aid

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learning. Also has list of COLEMS that provide examination services.

The No-Nonsense, Technician Class License Study Guide will help you get your first amateur radio license as quickly as possible. It not only gives you the answers to questions on the test, but also clearly and succinctly explains the concepts.

This title has everything readers need to pass the general class written exam. Readers will find easy-to-understand theory and rules; the latest General class question pool (Element 3) with answer key, and detailed explanations for all questions, including FCC rules.

From setting up a station and choosing the right antenna for the right satellite to tracking the "birds," this volume has info on operating, antennas, software, profiles of active satellites, Internet sites, FCC rules governing amateur satellite service and a glossary.

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

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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. -

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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

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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."

For tests after July 1, 2018. Here's the "Easy Way" to get your Technician Class amateur radio license. The book is new so check the reviews for the previous edition. The test is multiple choice and the other study guides take you through the pool of 424 questions including all four possible answers for each question. But three out of the four answers are WRONG! You are studying 1,272 wrong answers and that is both confusing and frustrating. The Easy Way focuses only on the right answers with hints, cheats and explanations to help you pass. It is all Ham and no Spam. The first part is a narrative of the author's ham radio experience. Every question and answer is woven into the story and identified in bold print. The second part is a 40-page Quick Summary condensing every question and correct answer for easy recall. Which would you rather study: right answers or over 200 pages with three quarters of the answers wrong? Instructors: This book is perfect for review or weekend courses. Have the students read

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the narrative before class, then go over the concepts with them rather than slogging through all those wrong answers. You'll be done in no time and the students will be fully prepared to take their tests.

Gordon West study manual for the General Class FCC Element 3 written exam for the high-frequency amateur radio license. Includes bonus "On the Air" audio CD demonstrating license privileges.

Memorizing 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 Extra Class License, great! The latest edition of the Extra class exam is certainly challenging. The question bank includes over 600 questions, some 25% of which are new or revised since the last edition. The Fast Track to Your Extra Class Ham Radio License explains the reasoning and technology behind each correct answer on the exam so you'll understand and remember the subject matter. It's a complete learning system; books, audio, and the [fasttrack.com](http://fasttrack.com) web site with custom-made practice exams that integrate with the chapters in the book and audiobook. There are also teaching videos on the site. Created by an experienced ham and adult educator, it's like having your own, patient, experienced, good-humored mentor for the exam. (One reason Michael is a frequent presenter at major ham conventions.) To get your Extra Class license you must pass a multiple-choice test. The Extra license test consists of 50 questions drawn from a pool of 621. Memorizing the answers to 621 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. We might even have a little fun along the way. (This may be the only amateur radio book to



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teach an astronomical concept with a nacho cheese analogy.)

- 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. The Kindle and print editions include over 200 illustrations to support your learning.
- 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 order of the official question bank, which is only a "warehouse" of questions and was never designed to teach anyone anything.
- Chapter summaries drive home the exam-conquering points to remember from each chapter.
- Complete subject and question index.
- Incorporates the exclusive Fast Track study plan. We don't just present the material, we teach you the most effective way to learn it and we provide the tools to implement it.
- Covers questions that will be used until July 1, 2024.

Respond to the call of ham radio Despite its old-school reputation, amateur radio is on the rise, and the airwaves are busier than ever. That's no surprise: being a ham is a lot of fun, providing an independent way to keep in touch with friends, family, and new acquaintances around the world—and even beyond with its ability to connect with the International Space Station! Hams are also good in a crisis, keeping communications alive and crackling during extreme weather events and loss of communications until regular systems like cell phones and the internet are restored. Additionally, it's enjoyable for good, old-fashioned tech geek reasons—fiddling with circuits and bouncing signals off the ionosphere just happens to give a lot of us a buzz! If one or more of these benefits is of interest to you, then good news: the new edition of Ham Radio For Dummies covers them all! In his signature

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friendly style, longtime ham Ward Silver (Call Sign NØAX)—contributing editor with the American Radio Relay League—patches you in on everything from getting the right equipment and building your station (it doesn't have to be expensive) to the intricacies of Morse code and Ohm's law. In addition, he coaches you on how to prepare for the FCC-mandated licensing exam and tunes you up for ultimate glory in the ham radio hall of fame as a Radiosport competitor! With this book, you'll learn to: Set up and organize your station Communicate with people around the world Prep for and pass the FCC exam Tune into the latest tech, such as digital mode operating Whether you're looking to join a public service club or want the latest tips on the cutting edge of ham technology, this is the perfect reference for newbies and experts alike—and will keep you happily hamming it up for years! Gordon West study manual for entry level FCC amateur radio Technician Class license for exams valid from 7/1/2003 through 6/30/2007.

The most popular introduction to amateur radio, this guide offers a unique mix of technology, public service, convenience, and fun. All levels of ham radio operators can brush up on their skills and use the book to study for their first license exam with the latest questions pool with answer key. Study guide for the Technician Class amateur radio license exam.

This is a study guide to help you pass the FCC test for the beginning level Amateur (Ham) Radio license, the Technician license. Even if you have no background in radio or electronics, you will be able to pass the test by using this guide. All of the concepts are explained in the most basic terms, and each section of the book is followed by the actual

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questions you will see on the test. When you are finished with this book, not only will you be able to pass the test, but you will also have a basic understanding of the concepts you will encounter when you get on the air. This book has been updated to include the new 2014 test questions, which will be valid through 2018.

Book and software package for the 2014-2018 FCC Element 2 Radio License exam. Includes the Gordon West Technician Class study manual along with W5YI HamStudy software. Software offers practice exams keyed to the book. When you provide an incorrect answer, the correct answer explanation from the book appears on the screen to reinforce your learning. Software scores your results and shows where you are doing well and where you need more study. Once you start passing exams using this software, you will be ready for your actual FCC exam.

Are you willing to obtain your ham radio license? Purchase a copy of this book and you are on your way to getting a technician license, general license, or extra license. These certifications are necessary to position you as a professional broadcaster in your region. You will be exposed to various methods of setting up an amateur radio station including the different certifications you need to undergo before you can broadcast effectively. Even in emergency situations, you should learn how to utilize ham for

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emergencies. Moreover, this guide is written to help you pass your license tests without tears and achieve your professional goals as a broadcaster. Other things you will learn from this manual include:

Understanding Ham Radio The Place you can Operate How to Tune in to Ham Radio Analyzing the Electronic and Technology Attributes of Hams The Social Elements of Hams How to Relate to Other Hams Analyzing Bands and Frequencies What are BandPlans? The Different Modes Using AM Modes Using FM Modes Using Morse Code or CW Mode Introduction to Ragchews How to Use Nets What is DXing? How to Manage Contests in Ham Receiving Awards Managing Radio Operations How to Begin a Conversation How to Extend your Range with Repeaters Using Operating Simplex Handling Emergency Operating Satellites How to Use Computers How to Clean Up the Signal Radio Design Introduction to Electronic Theory What is Ohm's Law? Analyzing Ohms, Amperes, and Volts Moving Decimals Using Decibels How to Prepare for the Hams Exam Using an Effective Study Plan How to Find a Useful Material for Study How to Discover the Right Classes for Licensing What is a Volunteer Licensing System? Using the Volunteer Examiner Coordinator How to Find a Test Session How to Sign Up for a Test Engaging in Public and Private Exams How to go through the Licensing Process How to Understand Call Signs How to Obtain your License

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Ways to Complete your Documentation or Paperwork How to Locate your New Call Sign How to Register Online with the FCC Using the Privileges of General Class Frequency in Ham Radio The Basics of Radio Waves What is Radio Spectrum? The Necessary Radio Gadgets Feedlines and Filter Gadgets Accessing Ham Radio on Air What are Filters? Understanding Ionosphere How Ionosphere Absorbs Radio Signals The Ways Sunspots Affects Radio Propagation Analyzing Sunspots What is Critical Frequency? How to Use Optimum Working frequency Using LUF, MUF, and Critical Frequency Lowest Usable Frequency (LUF) Maximum Usable Frequency (MUF) How to Maintain your Station How to Repair and Build Equipment Handling Routine Maintenance for Stations Using an Oscilloscope What are the Basic Controls for an Oscilloscope? How to Start Using an Oscilloscope How to Allocate Amateur Radio Frequency The Size of the Radio Station The Power of the Frequency What are Antenna Analyzers and SWR How to Use Batteries Using Very High Frequency (VHF) Using Ultra-High Frequency (UHF) And many more. This is just a few of what is contained in this book and you can Download FREE with Kindle Unlimited So what are you waiting for? Scroll up and Click the Orange - BUY NOW WITH 1-CLICK BUTTON- on the top right corner and Download Now!!! You won't regret you did See you inside!!!

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Offers a review of the subjects covered in the ARRL licensing exam, along with a pool of questions currently used in the exam and cross-references to answers for specific questions within the text.

Gordon West, WB6NOA, study manual for the 2018-2022 FCC Element 2 written examination for the entry-level Technician Class license. Includes the complete FCC Question Pool along with answer explanations and illustrations to aid learning.

Written in a "no nonsense" style, this book teaches you everything you need to know to pass the amateur radio Extra Class license exam. Chapters include: Why you should get an Extra Class license, Electrical Principles, Circuit Components, Practical Circuits, Signals and Emissions, Antennas and Transmission Lines, Radio Wave Propagation, Amateur Practices, Operating Procedures, Safety, and Commission's Rules.

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.

Package includes the Gordon West study manual along with W5YI HamStudy software. Study the book and then use the software to take practice exams on-screen. Software includes the answer explanations from the book. When you answer a question wrong, the explanation from the book appears on your screen to reinforce your learning.

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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. NEW for NCVEC question pool July 1, 2014 through June 30, 2018! The HamRadioSchool.com Technician License Course book and free multimedia web site provides everything you need to become an FCC licensed amateur radio operator! This learning system not only offers the best exam

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preparation available today, it will help you to really understand ham radio so that you have the competence and the confidence to get on the air quickly! Fully illustrated and logically organized in easy-to-digest sections with a building-block learning approach, all 426 Technician exam pool questions for 2014-2018 are highlighted within a framework of explanation that uses common language, everyday analogies, and simple examples. The balance of depth with simplicity makes real learning about ham radio rewarding and enjoyable! Our free online media includes interactive section quizzes, multimedia learning supplements, interesting web links and more, to reinforce book and exam topics section-by-section and to provide practical "how to" advice on getting started in ham radio. With the book and our fully coordinated, optional iOS quizzing and practice exam mobile device app, you can study and practice questions anywhere, anytime! No matter your education or background, with HamRadioSchool.com you will ace your exam, and you will really get it!

This is the amateur radio book you want on the very day you get your new ham radio license. (Of course, you can use it after that, too.) You've studied. You've passed the test. You've received your call sign. But what do you do next? This book will provide the answer. It contains the things they don't tell you when you're studying for your license, but that you need to know as soon as you've got it. It includes 34 easy projects to help you grow your identity as a Ham, buy and set up your first radio, overcome the obstacles to getting on the air, and become part of the amateur radio community around you. With this book you'll avoid some of the mistakes beginners often make. You'll never have to flail around, wondering what to do or how to do it. When you complete these projects you'll not only have your amateur radio "ticket," you'll know how to use it. Written by Amateur Extra class ham



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radio operator, Stan W. Merrill, call sign AI7E, it picks out the key things you'll use daily from among the many you had to study to get your license. It guides you through the experiences you need in order to operate your radio as a new Ham in the United States.

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