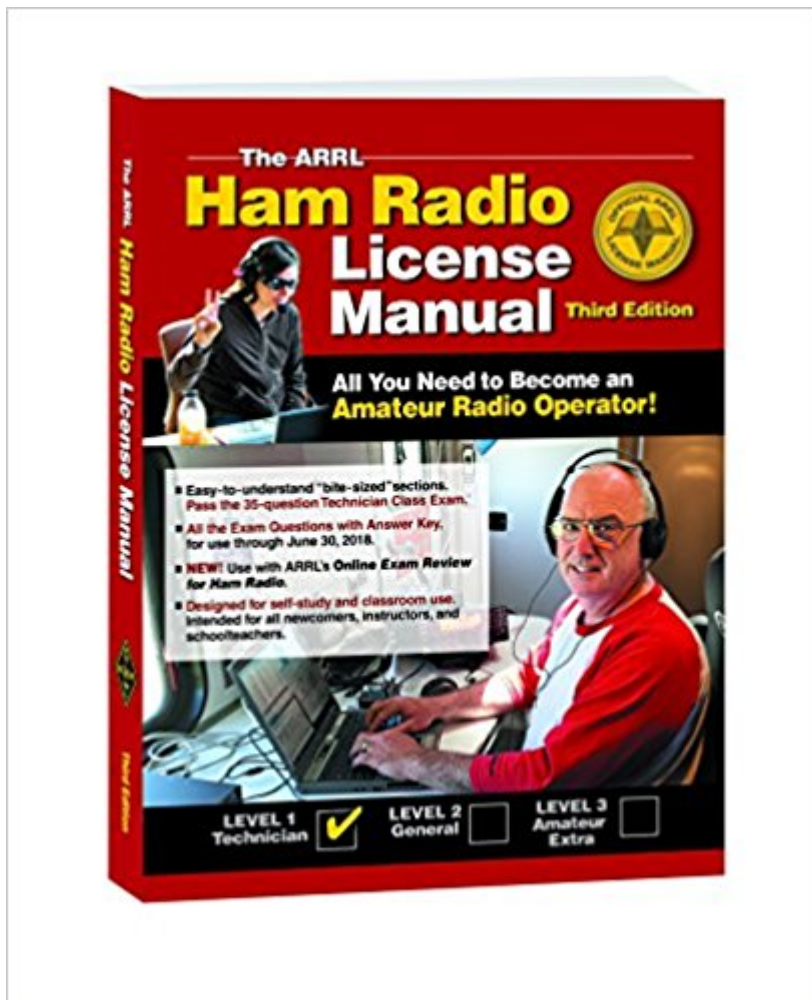


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# The ARRL Ham Radio License Manual



## Synopsis

All You Need to Become an Amateur Radio Operator! Discover the excitement of ham radio. The Amateur Radio Service offers a unique mix of public service, technology and experimenting with electronics all with an emphasis on fun. Some hams use their skills to provide communications during emergencies and disasters when all else fails. Others enjoy talking to people across the country and around the globe, participating in local contests and building experiments. The ARRL Ham Radio License Manual will guide you as you get started in the hobby as you select your equipment, set-up your first station and make your first contact. Easy-to-understand bite-sized sections. Use this book, and pass the 35-question Technician Class license test. Includes the latest question pool with answer key, for use July 1, 2014 to June 30, 2018. NEW! Use with ARRL's online Exam Review for Ham Radio. Designed for self-study and for classroom use. Intended for all newcomers, instructors and schoolteachers. Use this book to study for your license exam. Every page presents information you will need to pass the exam and become an effective operator. You'll cover small sections at a time: Welcome to Amateur Radio, Radio and Signals Fundamentals, Electricity, Components, and Circuits, Propagation, Antennas, and Feed Lines, Amateur Radio Equipment, Communicating With Other Hams, Licensing Regulations, Operating Regulations, Safety. At the end of the book, you'll find the entire Technician Question Pool. NEW FEATURE: Online Review and Practice Exams. As you complete each chapter of this book, use ARRL's online Exam Review for Ham Radio to help prepare you for exam day. This web-based service uses the question pool to construct chapter-by-chapter reviews. Once you've finished this book, use the online service to take practice exams with the same number and variety of questions that you'll encounter on exam day. You won't have any surprises on exam day!

## Book Information

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## Customer Reviews

As a license examiner, I am often asked to recommend study material and this is the one that I recommend. It takes a balanced approach to teaching the basic material and test preparation. Some of the other books that I see concentrate more on passing the test by learning the test questions than actually teaching the material. I am often approached by people interested in getting a license but who really don't know why. Ham radio is a broad hobby with many different areas of interest. I think that this book also does a good job of introducing that to somebody who is new to the hobby. Make sure that you get the right edition of any study manual. The tests are updated every four years. This edition (3d) is designed for use July 2014-June 2018.

First-rate book. It briefly explains the hobby opportunities before getting into the training. After the training material, there is an excellent glossary, the complete exam question pool (with correct answers indicated), as well as a supplementary chapter on choosing a ham radio. FWIW, I used this book for self-training and got 100% correct on the exam November 8, 2014. No previous amateur radio experience and never took a ham class. The training material is geared toward the beginner without being condescending. All topics are explained simply and completely. Excellent graphics -- lots of tables, charts, photographs, and line drawings. For that reason, I'd recommend buying the paperback instead of the Kindle version. As much as I love my e-Ink Kindle, this is the sort of book that is better in paper and in a large format. If you want the Kindle version, use a Kindle app on a large computer screen, not a phone or small tablet. Table of Contents for the course material -- Radio and Signals Fundamentals; Electricity, Components, and Circuits; Propagation, Antennas, and Feed Lines; Amateur Radio Equipment; Communicating With Other Hams; Licensing Regulations; Operating Regulations; and Safety. There are only 35 questions on the Technician test and Morse code is not required. Anyone who mastered the material in this book could pass the test without any difficulty. There is minimal math in the test and this book will teach you all you need. After each piece of training, the text refers the reader to the relevant questions in the question pool at the back of the book. It encourages you to master each little "bite-sized" piece before moving on, which helps to build your confidence in your ability to master the material. In addition there is a link to book-specific online supplementary material on the [arrl.org](http://arrl.org) website. One advantage of this book over the competing books is that it teaches the concepts rather than just how to pass the test. I

found that valuable when taking the test. I did not need to worry about memorizing arcane material because I actually understood the concepts. That really helped to eliminate any test anxiety. Finally, the book teaches how hams operate on the air. Once you pass the test, you will feel much more comfortable getting on the air with your new Technician "ticket."

The Technician exam has a new pool of questions as of July 1, 2014. ARRL's third edition of the Ham Radio License Manual is designed for the aspiring ham radio operator. The material is very clear and readable, even the math sections. Even though you could simply memorize the questions from the FCC test bank, you'll be missing out on a great amount of information that's useful to the new ham operator.'s pricing is better than the ARRL website and with Prime shipping, you can't beat it. The book is excellent. Highly recommended.

This book is, by far, the best non-digital resource for getting a Technician License. It teaches you the actual information that you need to know to be an amateur radio operator, not just how to pass the test. I used a previous version to get my license several years ago and found it to be an excellent study guide, so I got this so that my husband can get his license this year. So far he is learning a lot from the book and I expect him to pass the exam without any issues. The information presented in this book is well organized and the covered topics are taught using written explanations, examples, pictures, and diagrams.

I am an old-school tube electronics hobbyist and my son-in-law challenged me to get my amateur radio license so he could talk with me over the air. It took about two weeks of about an hour a day to read through the manual and another two weeks of about an hour a day of taking sample tests online to show up my week spots (and re-read the material to understand what I needed to know) before I took the test. I got a perfect score on the exam and aside from the online exams, did not use any other prep materials. While I am sure that there are other ways of learning the material, this book provided me with an adequate base to show up what I needed to learn more about and where I was already prepared. You will need other books such as The ARRL Radio Amateurs Handbook to bring you up to speed on current theory and operational procedures, but this book gives you a quick start into the hobby.

While I am studying for my ham technician license, I have purchased two study books. The one from a competing company was more 'teaching the test' plus a lot of enthusiasm. The ARRL version

here, in stark contrast, is 75% background training chapters that go far far beyond the competitor's books, and only 25% of the book is the actual test questions - the other books were primarily the 25% part of this one. If you are only going to buy one book to help you get your ham technician license, then THIS is the one to buy - don't bother with others. I really like the spiral bound feature too and feel it's worth the extra buck or two to get it. You will find yourself opening the book to your current topic while you surf the web on related questions, and rather than damage the binding trying to get it to lay open, the spiral binding lets you easily just lay the book flat ... and it keeps your place.

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