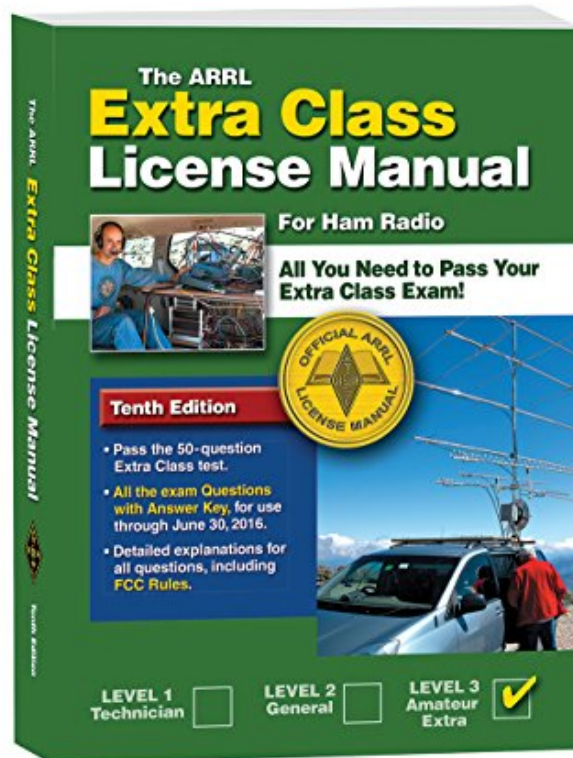


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## The ARRL Extra Class License Manual (ARRL Extra Class License Manual for the Radio Amateur)

Ward Silver

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78 of 79 people found the following review helpful. One of the two best ways to prepare for your Extra Exam By The Travel Insider First, a quick check - as you probably know, the question pool for the Extra exam changed on 1 July 2012. Make sure that you get the matching edition of this book and CD - if you order from this page you will be getting the correct edition - the tenth edition. The ninth or earlier editions are useless now. This new tenth edition corrects the shortcomings and problems in the ninth edition which I'd earlier commented negatively about, and uses the same layout and logic as is present in the current version of the General exam study manual too. I've found the best way to study is to use the CD/computer questions/review together with the printed manual. I work through the CD's

questions, and if I both get a question wrong and don't understand the short explanation that is then provided, I turn to the relevant page in the book to read the more detailed explanation. If necessary, I'll expand to read the entire chapter in the book. This gives a fairly directed approach to learning just enough to pass the test. Sure, we could all try to learn every one of the hundreds of pages of material in the manual, and maybe in a perfect world that would be ideal. But for those of us keen to simply extend our license that magic extra step, and if we're not going to need to go into the fairly advanced math to design and build our own R-C and other types of circuits, it is sufficient to simply adopt this directed approach to working through the 'need to know' material, and will save you hundreds of hours. That is the great thing about this manual. You can approach it either comprehensively or selectively, and using the CD's random generated tests, you can check your knowledge progress and know when you're able to actually go to be tested with a high degree of confidence you'll pass. I said this is one of the two best ways. The other excellent way is the online hamradiolicenseexam.com product, which claims to give you the skills you need in only 30 hours of study. Both are great, but I like ending up with the excellent, well laid out and clearly written book that you get if you choose this product, and it is good to support the ARRL too.

43 of 45 people found the following review helpful. Excellent Study Guide - But I used other resources as well to score 100%!  
By Charlie Hicks  
This is a very thorough guide that is well worth getting. It not only has all the Rules + Regs you need to know, along with all technical theory, it also has the complete (700+) question pool and answers in the back separated by groups. I used this book as my primary study guide. I did not use the CD at all. I did use QRZ.com to take practice tests and I also bought the Amateur Radio Exam Prep Extra Class iPhone app and I found the iPhone app invaluable. Anytime I had a few minutes - whether at home, on the road, waiting for someone, etc., I would take out my iPhone and start taking a practice test. Here's how I studied and passed with 100%: I started the third week of January, 2013 after not being active on the air for 4 or 5 years. I held a General license. I first started looking online for resources and settled on QRZ and the iPhone app. When I first started taking the sample tests I was getting 40% - 50% on them. I quickly realized I needed to study so I bought this guide. I went through each section and took practice tests from each chapter in the book. When I didn't get something right, I'd go back and re-read it and try it again. I received this book on Jan 29th and took the test on Feb 9th. The book was a lifesaver. In just over two weeks of studying quite a bit I got down to the last 3 days prior to the test date. In two of those days I went through the ENTIRE question pool twice and familiarized myself with the questions and the answers. This may seem extreme but I was finding certain things were confusing me when studying the theory. Over the last 2 days my sample testing grades went from about 80% - 85% to 95% - 98%. I never once got 100% on any practice test from any testing source (QRZ or iPhone app)! When the VE test day came (Feb 9) I went in and took the test with a very high degree of assurance I would score well. After the test there were only two of the 50 questions I wasn't sure about. It turns out I got 100% and was very pleasantly surprised. By the way - when taking the test and you aren't sure about the answer - always take your first hunch. You'll find that 80%+ of the time you'll be right. Go for it - you'll be glad you did. If this 60+ year old who hasn't studied for a ham radio exam in 20+ years can do it, so can you. This book was invaluable in my preparation - don't think twice - just get it.

73 de K0CKH3 of 3 people found the following review helpful. Excellent Book!  
By Rick  
After getting this book, I read and studied it for 3 weeks, 8 hours per day until the exam (yea, it's heavy-duty!). I got a 98% on the exam the very first time! This is proof that if you really want to be educated in Amateur Radio and pass this Extra exam the very first time, then this is the only book you need. Study all the questions in the back of the book, load the enclosed CD with example test review and questions, and study all them, too, and that is it!! Granted, the General exam is a step up from the Technician exam and the Extra exam is about 5 steps up from the General (whew!), but if you study this book, it won't matter....you'll pass the exam the very first time! Highly recommend this book!!

All You Need To Pass Your Extra Class Exam! Pass the 50-question Extra Class test  
All the Exam Questions with Answer Key, for use through June 30, 2016  
NEW! Use with ARRL's online Exam Review for Ham Radio. Detailed explanations for all questions, including FCC rules  
The ARRL Extra Class License Manual is your ticket to every privilege granted to Amateur Radio Operators. Our expert instruction will lead you through all of the knowledge you need to pass the exam: rules, specific operating skills and more advanced electronics theory. As an Extra Class licensee, you will have full privileges on all frequencies authorized by the FCC for Amateur Radio. To upgrade to Extra Class you must already hold a General Class license (or have recently passed all of the exams required for a General Class license). Upgrading to an Extra license only requires passing a written examination. Use this book to study for your Extra Class (Element 4) license exam. Every page presents information you will need to pass the exam and become an effective operator. For study purposes, information is presented in small sections: Operating Practices Rules and Regulations Components and Building Blocks Electronic Circuits Radio Signals and Measurements Radio Modes and Equipment Antennas and Feed Lines Topics in Radio Propagation Safety  
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!