

Plain English Study Guide for the FCC Amateur Radio Technician Class License: Your Comprehensive Guide to Passing the Test

Embarking on the journey to obtain your FCC Amateur Radio Technician Class license? Look no further! This comprehensive study guide will guide you through every aspect of the exam, providing a thorough understanding of the key concepts and equipping you with the knowledge you need to succeed.

Chapter 1: to Amateur Radio

* What is amateur radio? * Why get an amateur radio license? * Different types of amateur radio licenses * How to choose the right license for you



Plain-English Study Guide for the FCC Amateur Radio Technician Class License: 2018-22 Edition

by Richard P. Clem

★★★★☆ 4.4 out of 5

Language : English
File size : 3073 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 158 pages
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Chapter 2: Basic Radio Theory

* Electricity and magnetism * Radio waves and propagation * Antenna basics * Electronic components

Chapter 3: Radio Equipment

* Types of transmitters and receivers * Antennas and feedlines * Power supplies * Accessories

Chapter 4: FCC Regulations

* Part 97 of the FCC Rules and Regulations * Amateur radio operator privileges * Restricted frequencies and operations * Station identification requirements

Chapter 5: Operating Procedures

* Voice communication techniques * Digital communication modes * Emergency communications * Contest and special event operations

Chapter 6: Basic Electronics

* Ohm's law and circuit analysis * Resistors, capacitors, and inductors * Transistors and diodes * Digital logic circuits

Chapter 7: Safety and EMC

* Electrical safety precautions * Radio frequency interference (RFI) * Antenna placement and grounding * Lightning protection

Chapter 8: Sample Test Questions

* Multiple-choice questions covering all exam topics * Answers and explanations * Tips for answering test questions

Chapter 9: Study Tips and Resources

* Effective study methods * Recommended books and websites * Online practice tests * Study groups

Chapter 10: Taking the Test

* What to expect on exam day * Tips for success * Post-exam procedures

With this comprehensive study guide as your trusted companion, you will gain an in-depth understanding of the concepts tested on the FCC Amateur Radio Technician Class license exam. By following the sequential chapters, practicing with sample questions, and utilizing the helpful study tips, you will be well-equipped to pass the exam with confidence and embark on your exciting journey as an amateur radio operator.

Appendix

* Glossary of terms * Abbreviations and acronyms * Further reading



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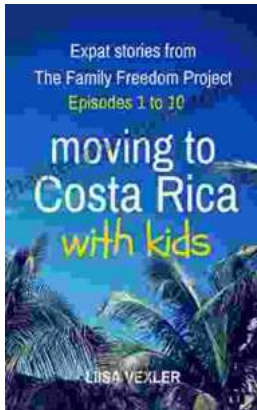
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