

CCARC / Troop 1 - Technician Course Syllabus (Zoom Class)

Starting November 1, 2022

Instructor: Steven Driver, N9BWT - steven.driver@gmail.com - and other members of the CCARC club

To sign up email N9BWT or complete this form: <https://bit.ly/3ezjDz4> or use the QR Code



Text: **"Ham Radio License Manual" by ARRL—FIFTH EDITION!** Available at:

- Amazon: Search for "Ham Radio License Manual 5th Edition" - .
- ARRL <https://home.arrl.org/action/Store/Product-Details/productId/2002476141> .
- Ham Radio Outlet - <https://www.hamradio.com/detail.cfm?pid=H0-017973>

Homework: The reading assignments for each week are to be done before class. Review the questions at the back of the book as indicated in the reading. If you have trouble with terms, there is a glossary available online at <https://www.arrl.org/ham-radio-license-manual> . Bring any questions you may have to class.

For additional study material, chapter-by-chapter, go to <http://www.arrl.org/ham-radio-license-manual/> . This page also has a link to the latest errata and supplemental information for the manual. Also, check out <http://www.arrl.org/tech-prep-resource-library> for links to additional information.

I can't stress enough the importance of taking practice exams. Go to <http://arrlexamreview.appspot.com/> for practice exams and progress tracking. Practice exams are also available at <http://www.qrz.com/testing.html> ; <http://www.aa9pw.com/radio/> ; <http://www.eham.net/exams/> ; and <https://hamstudy.org/>

Class Activities: **Classes run from 7:00 to 9:30 PM Eastern Time on ZOOM.** Questions are strongly encouraged

Date	Topic Chapter
November 1	Welcome to Amateur Radio, Radio and Signals Fundamentals Read "How to use this book, Chapter 1 (no questions on exam), Chapter 2 (35 questions)
November 8	Electricity Components and Circuits Read: Chapter 3 (91 questions, but many are versions of the same calculation)
November 15	Propagation, Antennas, and Feedlines Read: Chapter 4 (66 questions)

November 22	Amateur Radio Equipment Read Chapter 5 (56 questions)
November 29	Licensing and Operating Regulations Part 1 Read Chapter 7 (30 questions) and Chapter 8 (32 questions)
December 6	Regulations Part 2, Safety (and Interference), Review Read Chapter 9 (43 questions)
December 13	Make up Day if we get behind on the schedule

To obtain a license, you must successfully complete a Licensing Examination. These exams are administered for the FCC by accredited volunteer examiners. FCC Charges \$35.00 for the license (only have to pay if you pass). Under 18 years of age you can get the FCC license fee refunded from the ARRL.

VEC Testing

VEC's charges from \$10 to \$15. Exams are also readily available online. <https://hamstudy.org/sessions/remote> provides a list of upcoming online exam sessions held by various Volunteer Examiner Coordinators (VECs).

For details on what is needed and how to proceed, see:

<https://blog.hamstudy.org/2020/06/so-you-want-to-take-a-remote-exam/> . You can sign up with any team that has available slots, no matter the location. Note the various time zones so that you pick a time compatible with your schedule.

Sellersburg, IN

American Legion on the third Saturday of the **even months**, from 10 AM till 11:30 AM. or until any applicants finish that began by 11:00 AM Local Time.

Location is 412 N New Albany St Ave, Sellersburg, IN 47172

You can call Dick Truax at (812)-972-6107 for more info or E-mail him at: k9rt@aol.com

Louisville, KY

All future test sessions on the second Fridays at 5:30 PM of the even numbered months and the third Sundays at 2 PM of the odd numbered months will be conducted at the following new location until further notice:

Jeffersontown Masonic Lodge

10411 Watterson Trail

Jeffersontown, KY

This is a blue building across the street from City Hall and is just off Taylorsville Rd.

Testing will be held on the second floor and access is through a door midway on the side of the building. There is a parking lot adjacent to the building.

You can call Dick Truax at (812)-972-6107 for more info or E-mail him at: k9rt@aol.com or Tom Irwin K4TBI email: tbirwin@twc.com for more info