

Amateur Radio Technician License Preparation Class

September 28-29, 2024

Purpose: The purpose of this class is to prepare you to pass the test for the entry-level Technician Class Amateur Radio (Ham) License and be able to assist as a communicator with disaster relief activities. If you're not interested in disaster relief, this will be a good introduction to a wonderful life-long hobby. There is much more that you will want and need to learn to become a competent radio operator and to enjoy Amateur Radio as a service activity and hobby. That additional knowledge and experience can be gained after you have received your license through operating your radio and working with other ham radio operators.

This will be an accelerated class over two days followed by the Technician License examination. It is designed to familiarize you with the questions and answers that you will see on your exam.

Date/time

Subelement/subject

Saturday, 9/28/24

9:00 a.m.	Introduction/Subelement T1; FCC Rules
10:00 a.m.	Subelement T2, T3; Operating procedures; Radio wave propagation
11:00 a.m.	Subelement T4; Radio practices
12:00 p.m.	Lunch (potluck)
1:00 p.m.	Subelement T5; Electrical principles
2:00 p.m.	Subelement T6; Electronic and electrical components
3:00 p.m.	Subelement T7; Practical circuits

Sunday, 9/29/24

9:00 a.m.	Subelement T8; Signals and emissions
10:00 a.m.	Subelement T9, T10; Antennas and feed lines; Power circuits and hazards
11:00 a.m.	Review
12:00 p.m.	Lunch (potluck)
1:30 p.m.	Exam
2:30 p.m.	Buying your first radio; getting on the air; radio protocols

Taking the exam: When we have covered all of the materials for this class, you will be given the Technician License exam. The exam fee is \$15. **You will need to provide an FCC Registration Number (FRN), which you can obtain at <https://apps.fcc.gov/coresWeb/publicHome.do>**. Also, **you will have 10 calendar days**, from the date your application has been received by the FCC to pay their \$35 processing fee. Go to the FCC website to pay this fee.

As an option to taking the exam in person, you may take it virtually. To register for the virtual examination, go to <http://hameducation.org/register>. You will receive instructions for taking the virtual exam when you register.

The trainers for this class will be:

Doug Wilson, KH7DQ, Amateur Extra Class, ARRL Registered Instructor
Ph. (808) 985-9362
Email: douscelle@aol.com

Jim Tatar, WH6EMN, Amateur Extra Class
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For online test practice, we recommend three sources:

<http://qrz.com>. This site generates practice tests and gives you immediate feedback on questions answered correctly or incorrectly. It keeps track of which of the 423 possible questions that you may encounter on your test that you have seen. On the home page click the “Resources” drop down tab at the top of the page and select “Practice Amateur Radio Exams.” You will need to register to use this. You won’t have a Call Sign yet, so register with another username. You can change it to your Call Sign later. You need a valid, working email address to complete registration. Make sure that you select the “2018 Technician Exam Practice Test” when using this tool to practice. This site becomes more valuable after about the third session when you have been exposed to most of the material.

<http://eham.net/exams>. This site also generates practice tests and gives you feedback after you have completed answering all 35 questions. At the end of the test it gives you the answers you got right and for those that you missed it gives you the correct answers. No registration is required to use this site.

<http://hamstudy.org>. This site offers several study features including “Study Flash Cards”, “Read Questions” and “Practice Test.” Although the site asks you to log in, you can click on “Continue as Guest” without having to register.