

Ham Radio General License Course Outline

Tri-Lakes Monument Radio Association WØTLM

Nov 2021 Rev 1

Instructors:

Bob Witte, KØNR	email: bob@k0nr.com	phone: 719-659-3727
Stu Turner, WØSTU	email: stu.turner@comcast.net	phone: 719-337-1720
Chip Fleming, KØCHP	email: chipfle@aol.com	phone: 719-440-0277
Tim Romashka, K4RA	email: tim.romashko@gmail.com	phone: 678-521-3393

Course Objective:

This course has two objectives:

1. The student will be able to pass the FCC General License Exam (Element 3), qualifying for the second level FCC Amateur Radio License.
2. The student will have sufficient knowledge to operate an amateur radio station on the General Class frequency allocations above 1.8 MHz, with particular focus on HF single sideband operations.

Philosophy:

This is a highly-compressed course that depends on the focus and motivation of the student. Reading assignments must be done in advance of the classroom sessions. The classroom sessions are fast-paced, covering a wide variety of material in a short time. The use of practice exams is very important for evaluating topic areas that need attention.

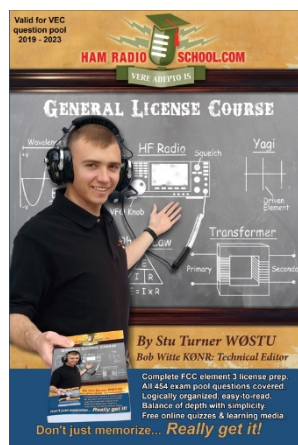
Registration Cost:

At the time of registration, we require a **nonrefundable** payment of \$30 (\$20 for under 18). Payment is made via Paypal, which also accepts major debit/credit cards. *Note that this payment will not be refunded and may not be credited to future class offerings, so make sure of your plans before registering.*

Reading Material:

Required: *HamRadioSchool.com General License Course* by Stu Turner, WØSTU (\$24.95)

Note: Be sure to get the 2019-2023 edition shown here!



Available from:

HamRadioSchool.com [direct to [book page](#)]

Or Amazon.com

Practice Exams

These online practice exams are extremely helpful for testing your knowledge:

http://www.hamradioschool.com/general_media/ , <http://www.qrz.com/hamtest/> ,
<http://www.eham.net/exams/>

Session 1: Saturday Nov 6, 2021, Chapters 1-3

Tri-Lakes Chamber of Commerce, 166 2nd St., Monument, CO 80132 <[map link](#)>

1:00 pm to 5:00 PM

Preparation: Read pages 1 – 86 of the *HamRadioSchool.com General License Course* book & take section quizzes.

Optional: Read the entire book and start taking online practice exams

Note: Specific section instructor may vary and start/end times are estimates.

Chapter	Topics	Instructor	Pages	Start Time	End Time
	Class Intro & Overview	Bob		1:00	1:20
1	Rules & Regs	Stu	1 to 29	1:20	1:50
	Break			1:50	2:00
2	Operating Your Radio	Tim	30 to 66	2:00	3:00
	Break			3:00	3:10
3	Propagation	Stu	67 to 86	3:10	4:00
	Break			4:00	4:10
	Review / Q&A / Forward Look			4:10	5:00

On-demand Video Lesson: Chapter 4

This lesson is available to students as a streamed video. It should be viewed by students prior to the Tuesday, 9 November live Zoom session (Session 2).

Preparation: Read pages 87 - 127 of the *HamRadioSchool.com General License Course* book & take the section quizzes.

Session 2: Tuesday Nov 9, 2021: Chapters 1-4 Review / Q&A

Live Zoom meeting.

6:00 PM to 7:00 PM

Preparation: Review Chapters 1 - 4 of the *HamRadioSchool.com General License Course* book & take section quizzes.

Session 3: Thursday Nov 11, 2021: Chapter 5

Live Zoom meeting.

6:00 PM to 8:15 PM

Preparation: Read pages 129 - 171 of the *HamRadioSchool.com General License Course* book & take section quizzes.

Chapter	Topics	Instructor	Pages	Start Time	End Time
5	Antennas I	Bob	129 to 151	6:00	7:00
	Break			7:00	7:10
	Antennas II	Stu	152 to 171	7:10	8:15

Session 4: Saturday, Nov 13, 2021: Chapter 5

Tri-Lakes Chamber of Commerce, 166 2nd St., Monument, CO 80132 <[map link](#)>

1:00 PM to 5:00 PM

Preparation: Read pages 173 - 260 of the *HamRadioSchool.com General License Course* book & take section quizzes.

Chapter	Topics	Instructor	Pages	Start Time	End Time
6a	Hamtronics I	Stu	173 to 210	1:00	2:20
	Break			2:20	2:30
6b	Hamtronics II	Chip	211 to 238	2:30	3:40
	Break			3:40	3:50
6c	Hamtronics III	Bob	238 to 260	3:50	5:00

On-demand Video Lesson: Chapter 7

This lesson is available to students as a streamed video. It should be viewed by students as soon as possible following the Saturday, 13 November in-person session (Session 4).

Preparation: Read pages 261 - 279 of the *HamRadioSchool.com General License Course* book & take the section quizzes.

Session 5: Saturday, Nov 20, 2021: Wrap-up, Q&A Review, VE Exam Session

Tri-Lakes Chamber of Commerce, 166 2nd St., Monument, CO 80132 <[map link](#)>

1:00 PM to 5:00 PM

Preparation: Take multiple practice exams. Review topics as needed. Take more practice exams. Take additional practice exams. Really.

This session will provide practical recommendations on radios and station setup. We will conduct question pool review. The VE Exam session will begin at 3:00 PM, conducted by the WØTLM Laurel VE Team. Students intending to take the exam at this session must register at the WØTLM web site, *License Exams* page.

A conventional calculator with the memory erased is allowed (no cell phone use permitted).

You may not bring any written notes or calculations into the exam session.

A pencil or two is recommended.