

Ham Radio General License Course Outline

Tri-Lakes Monument Radio Association WØTLM

April 2023 Rev 2

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 Romashko, K4RA	email: tim.romashko@gmail.com	phone: 678-521-3393
Kyle Damon, KDØTRD	email: kd0trd@gmail.com	phone:
LD Steiner, WØXLD	email: w0xld@w0xld.com	phone: 719-265-5180

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.

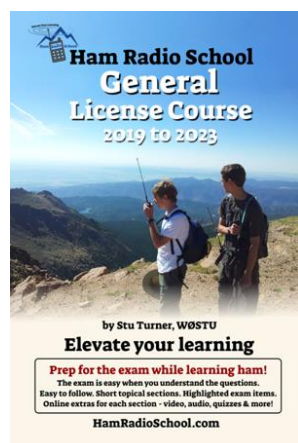
Philosophy:

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 (\$22.95)

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 quizzes and 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 April 15, 2023, Chapters 1-5

Woodmoor Barn, 1691 Woodmoor Drive, Monument, CO 80132 <[map link](#)> 8:00 am to 5:00 PM

Preparation: Read pages 1 – 171 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.

We recommend you bring a sack lunch to class so we can have some discussion during the lunch break.

Chapter	Topics	Instructor	Pages	Start Time	End Time
	Class Intro & Overview	Bob		8:00	8:15
1	Rules & Regs	TBD	1 to 29	8:15	8:50
	Break			8:50	9:00
2	Operating Your Radio	TBD	30 to 66	9:00	10:00
	Break			10:00	10:10
3	Propagation	TBD	67 to 86	10:10	11:00
	Break			11:00	11:10
4	How Radio Works	TBD	87 to 127	11:10	12:30
	Lunch Break			12:30	1:30
5	Antennas I	TBD	129 to 151	1:30	2:30
	Break			2:30	2:45
	Antennas II	TBD	152 to 171	2:45	3:45
	Break			3:45	4:00
1 to 5	Question Pool Review	TBD		4:00	4:30
	Day 1 Wrap Up	TBD		4:30	4:45
	Open Topic Q&A / Discussion	All		4:45	5:00

Day 2: Saturday April 22, 2023, Chapters 6-7 & Wrap-Up

Woodmoor Barn, 1691 Woodmoor Drive, Monument, CO 80132 <[map link](#)> 8:00 am to 5:00 PM

Preparation: [Read pages 172–279](#) of the *HamRadioSchool.com General License Course* book & take section quizzes. Take practice exams (full 35 question representative exams).

We recommend you bring a sack lunch to class so we can have some discussion during the lunch break.

Chapter	Topics	Instructor	Pages	Start Time	End Time
	Day 2 Intro & Overview	Stu		8:00	8:15
Ø - 5	Open Q&A / Review	TBD	1 to 165	8:15	9:00
	Break			9:00	9:10
6a	Hamtronics I	TBD	173 to 210	9:10	10:30
	Break			10:30	10:40
6b	Hamtronics II	TBD	211 to 238	10:40	11:50
	Lunch Break			11:50	12:50
6c	Hamtronics III	TBD	239 to 260	12:50	1:50
	Break			1:50	2:00
7	Safety	TBD	261 to 279	2:00	2:50
	Break			2:50	3:00
6 to 7	Question Pool Review	TBD		3:00	4:00
	Break			4:00	4:10
	Wrap Up & Recommendations	TBD		4:10	4:40
	Open Topic Q&A / Discussion	All		4:40	5:00

Day 3: Saturday April 29, 2023, Exam Session (optional)

TBD Location and Time

An examination session will be held to provide an opportunity for students to upgrade to General. This session will be held in the local Monument area at a TBD location. The Monument Library meeting room is the probable location, with Woodmoor Barn as an alternative, pending 90-day advance scheduling limitations. Students taking the exam at this WØTLM session must register for the session at w0t1m.com, *License Exams* page.

Students may attend any VE session to take the examination. Sessions are offered regularly in the Colorado Springs area (1-2 per month), and additional sessions are held in Franktown, Woodland Park, and Denver.

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.

Note: The FCC is now charging a \$35 application fee for amateur radio licenses. You will pay this fee directly to the FCC after you pass your General license exam.