

Ham Radio General License Course Outline

Tri-Lakes Monument Radio Association WØTLM

Generic Rev 1

Instructors:

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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 student is expected to cover Chapters 0 – 2 independently – only Q&A and review discussion in class for these.* 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](#)]

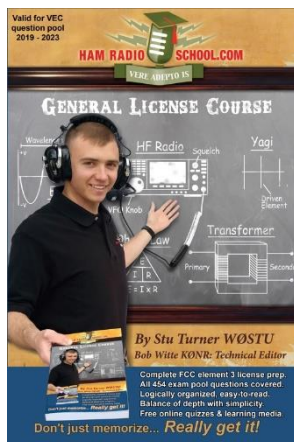
Or Amazon.com

Or get it directly from Stu, email: stu@hamradioschool.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/>



HamRadioSchool.com Apps for Quizzing & Practice Exams

Some students have found great value in practice exam applications available on iPhone/iPad (iOS) and Android platforms. Apps are available for iOS and Android that complement the structure of the HamRadioSchool.Com book.

IOS: <https://itunes.apple.com/us/app/ham-radio-school-general/id637660642?mt=8>

Android: <https://play.google.com/store/apps/details?id=com.peakprogramming.hamradioschool.general&hl=en>

Day 1: First Saturday

Black Forest Fire Station 1, 11445 Teachout Rd, Colorado Springs, CO
(Burgess Rd at Teachout Rd) 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
- We recommend you bring a sack lunch to class so we can have some discussion during the lunch break
- ***Chapters \emptyset . Before We Begin, 1.Rules & Regs, are 'review only' in class – student independent study**

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

Chapter	Topics	Instructor	Pages	Start Time	End Time
	Class Intro & Overview	Bob		8:00	8:15
* \emptyset - 1	Open Q&A / Review Only	Stu	1 to 29	8:15	8:45
	Break			8:45	9:00
2	Operating Your Radio	Stu/Eric/Chip	30 to 66	9:00	10:00
	Break			10:00	10:10
3	Propagation	Stu	65 to 84	10:10	11:00
	Break			11:00	11:10
4	How Radio Works	Chip	85 to 123	11:10	12:30
	Lunch Break			12:30	1:30
5	Antennas I	Bob	124 to 146	11:30	2:30
	Break			2:30	2:40
	Antennas II	Bob	147 to 165	2:40	3:40
	Extended Break			3:40	4:00
1 to 5	Question Pool Review	Eric		4:00	4:30
	Day 1 Wrap Up	Stu		4:30	4:45
	Open Topic Q&A / Discussion	All		4:45	5:00

Day 2: Second Saturday

Black Forest Fire Station 1, 11445 Teachout Rd, Colorado Springs, CO (Burgess Rd at Teachout Rd)

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, via *HamRadioSchool.com* app or web sites).

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		1 to 165	8:15	9:00
	Break			9:00	9:10
6a	Hamtronics I	Bob	166 to 204	9:10	10:30
	Break			10:30	10:40
6b	Hamtronics II	Stu	205 to 232	10:40	11:50
	Lunch Break			11:50	12:50
6c	Hamtronics III	Bob	233 to 254	12:50	1:50
	Break			1:50	2:00
7	Safety	Stu	255 to 274	2:00	2:45
	Extended Break			2:45	3:00
6 to 7	Question Pool Review	Bob & Stu		3:00	4:00
	Break			4:00	4:10
	Day 2 Wrap Up			4:10	4:30
	Open Topic Q&A / Discussion	Bob & Stu		4:30	5:00

FCC Exam Session on Day 3, Saturday (recommended, but optional)

Black Forest Fire Station 1, 11445 Teachout Rd, Colorado Springs, CO

(Burgess Rd at Teachout Rd) 9:30 am to 12:00 noon

The *WØTLM Laurel VE Team* will conduct the FCC license exams at the Black Forest Fire Station location with a 9:30 am start time. No payment is required for this Laurel VEC exam session. (Other ARRL or W5YI VE sessions will charge a fee if you elect to attend a different VE exam session.) Identification Required: Photo ID (drivers license, student ID or passport). Students may bring a school ID and/or a written note from legal guardian. FCC Registration Number (FRN) or existing current call sign record is required.

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.

