WVHS Events

To register email: wv7hs-class@outlook.com

Saturdays: HF Operation Demo & Introduction: Join us in the Radio Room for a demonstration and hands-on instruction of HF operation using the ICOM 7300. The session is geared towards Technicians upgrading to General but is open to all interested in HF operation. No registration required!

Third Saturday of the Month: License Testing: It's easy to get started in Amateur Radio! A straightforward multiple-choice exam will test your basic understanding of the fundamentals of radio and FCC rules! Preregister on Hamstudy.org or with Krissy KI7GJJ at: WV7HS-VE@outlook.com

NEW!! Nov 9th Noon: How Receivers Work: Radio receivers can appear to be a "Black Box", but they really are fairly simple devices. This class covers receiver design including Tuned Radio Frequency and Superheterodyne Receivers. The class won't get into details of each component; the intent is to cover what happens in a receiver in general. For Tuned Radio Frequency we will cover: RF Amp / LC Tuning, Diode Detector, Audio Amp, and Speaker. For Superheterodyne we will cover the added components to the TRF: Local Oscillator (LO), Mixer (Heterodyne Stage), IF Filter & Amplifier Stage, and Demodulator.

NEW!! Nov 16th Noon: Troubleshooting Radio Frequency Interference (RFI): Radio Frequency Interference (RFI) can turn an enjoyable amateur radio station into a frustrating experience. This course provides a practical introduction to understanding, locating, and correcting common sources of radio frequency interference.

Participants will learn how to recognize different types of RFI and identify potential source and practical techniques for locating interior and exterior interference using amateur radio equipment, portable receivers, directional antennas, spectrum analyzers and other troubleshooting tools.

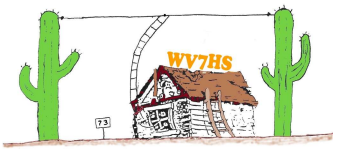
The class will then discuss methods for reducing or eliminating RFI, including ferrite chokes, filtering, grounding, and faulty equipment identification. Last, this course discusses working appropriately with neighbors, utilities, and the ARRL when the interference originates outside of your QTH.

SUNDAY!! Nov 22nd Noon: Making Contacts with Fusion & Wires X: Learn how to get the most out of your Yaesu Fusion Radio! We will learn the difference between Fusion, Wires X, and YSF. You'll learn how to use the C4FM mode on your Yaesu radio on a repeater or with a HotSpot.

Nov 23rd Noon: Soldering: Learn by "hands on" use of soldering iron with point-to-point and circuit board soldering practice, a basic class for beginners. Limit 6 Students. Soldering irons are available for use.

NEW!! Nov 30th Noon: Understanding HF Propagation and tricks for chasing DX: Where to operate, and WHEN to operate. WHICH bands have propagation, based on the time within the solar cycle, time of year, greyline position, time of day and beam headings. Tricks for chasing DX.

Our classes are typically limited to 10 students, are free, and open to the public (you do not need to be a member). Lab-based classes have a lower participant limit and may have a material fee. Classes can fill up quickly, but we will put you on a waiting list. We use the waiting list as a gauge of interest to determine which classes to schedule. Website: westvalleyhamshack.com



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Dec 7th Noon: Mastering FT-8 for DX & Awards: Learn how to use the weak-signal benefits of FT-8 to hunt hard-to-get DX stations. You'll also see how to effectively use GridTracker with FT-8 to achieve various QRZ and LoTW awards, like DXCC and WAS, plus see how GridTracker makes logging FT-8 contacts effortless. This new course will combine concepts from both Basic and Advanced FT-8, while focusing on hacks to add to your DX country count. Taught by Frank K7SD with over 100 QSL countries on FT-8.

SATURDAY!! Dec 12th Noon: Members ONLY: REMOTE HF radio from your home to our club station: This class is for WVHS Members only who want to be early adopters and help us roll out remote operation. You will learn how you can control the Shack ICOM 7300 from your home just using an internet browser! This version of the class includes voice operation and FT-8. This is a new membership benefit that is being slowly rolled out to our members. Plan ~2hr.

Dec 14th Noon: Working Satellites with Ham Radio: This class is for Hams (Technician class or higher) interested in working satellites for the first time. You will learn the basic principles of amateur radio satellite operation, how to select the appropriate equipment for a basic satellite station, and how to use resources with smart phone apps and online software to predict satellite passes. You'll also learn how to compensate for the Doppler effect on satellite signals, successfully receive signals and make contacts on FM satellites, and log and confirm satellite contacts.

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