2024 LEARN IT, BUILD IT, FIX IT CLASS

**LEARN:** VACUUM TUBE AM RADIO 101 HOW A TUBE RADIO WORKS

**BUILD:** RESTORE AN “ALL AMERICAN 5” VINTAGE TUBE RADIO

**FIX:** REPAIR OR RESTORE YOUR TUBE AM RADIO

4/6, 4/13, 4/27, 6/15

4 Saturday sessions of THEORY

- Electrical Safety
- AC & DC waveforms
- Passive & active components
- Schematic symbols & how to read a schematic
- Superheterodyne radio stages - RF, Mixer, IF Amplifier, Detector, Audio, PS
- Tools & techniques
- Test & measurement equipment

5/11, 5/18, 6/8

3 Saturday sessions of HANDS ON

- Soldering review: How to solder & soldering equipment
- In-class repair of your radio with help & guidance
- Final alignment of project

**Cost:** $260 for seven classes and a one-year AWA membership. On April 13, the student must purchase and bring your tube project to class, along with soldering equipment and tools. Sessions will be held on Saturdays 9AM to 1PM at the Antique Wireless Museum, 6925 Route 5, Bloomfield, NY. Questions should be emailed to LIBIFI@AntiqueWireless.org

To register: [www.antiquewireless.org/homepage/learn-build-fix-classes/](http://www.antiquewireless.org/homepage/learn-build-fix-classes/)