



ANTIQUE WIRELESS MUSEUM

2024 LEARN IT, BUILD IT, FIX IT CLASS

LEARN VACUUM TUBE AUDIO

BUILD AN AMPLIFIER KIT or RESTORE YOUR AMP OR PREAMP

FIX YOUR AMP – TEST & EVALUATE

Starting Saturday morning March 9, 2024 – 4 sessions of THEORY

- **Electrical Safety**
- **Introduction to sound & waveforms: audio amplification & music**
- **Basic electricity & electronics**
- **Multi-channel sound – stereo and beyond**
- **Passive & active circuit elements: active circuit element - the vacuum tube**
- **Vacuum tubes in amplifiers: classes of operation & distortion**
- **Speaker systems types & how they work**
- **Test and measurement equipment**
- **Basic electronics construction tools and techniques**

3 more Saturday morning sessions of HANDS ON

- **Soldering equipment and how to solder like a pro**
- **Work on your project with help & guidance from electronics professionals**
- **Final testing and measurement**

Projected Cost: \$245 for seven classes and a one year, on-line AWA membership. By April 2023 the student must purchase and bring to class the tube stereo amplifier kit of their choice or an amp to revive, soldering equipment and tools. Sessions will be held Saturdays 9am to 1pm at the Antique Wireless Museum, 6925 Rte 5, Bloomfield, NY. Send questions to

EducationCoordinator@AntiqueWireless.org