



ANTIQUE WIRELESS MUSEUM

2024 LEARN IT, BUILD IT, FIX IT CLASSES

LEARN VACUUM TUBE GUITAR AMPLIFIERS

BUILD a GUITAR AMP KIT or RESTORE YOUR GUITAR AMP

REPAIR & MODIFY YOUR GUITAR AMP

Starting Saturdays in September 2024 – 3 sessions of THEORY

- **Electrical Safety**
- **Introduction to sound & waveforms**
- **Audio amplification & music**
- **Basic electricity & electronics**
- **Passive & active circuit elements**
- **Active circuit elements: the vacuum tube**
- **Vacuum tubes in guitar amplifiers, class of operation**
- **Test and measurement equipment**

3 more Saturday morning sessions of HANDS-ON

- **Soldering equipment and how to solder like a pro**
- **Build your kit/mods with help & guidance from electronics professionals**
- **Final testing and measurements**

Projected Cost: \$210 for six classes and a one year, on-line AWA

membership. By October the student must purchase and bring to class the tube project, soldering equipment and tools. Sessions will be held on Saturdays 9 am to 1pm at the Antique Wireless Museum, 6925 Route 5, Bloomfield, NY. Questions should be emailed to EducationCoordinator@AntiqueWireless.org