

# TOOLING UP

Dear Student:

During your education here you will learn about tools, tool maintenance, and the jigs and fixtures used by individual builders as well as some small custom guitar making companies.

We will provide you with all of the jigs, fixtures, and power equipment needed to build your custom 'project' guitars here. We also provide many of the hand tools used in your guitar building and repair projects.

In addition to the tools and equipment mentioned above we have identified a number of tools, measuring devices, safety devices, and supplies you will need to purchase for your enrollment here. All of these items are necessary and will be the start of your future 'tool box' that you will use as a repair tech and / or custom guitar builder, when you graduate from R-V. These tools and items are listed on a separate sheet entitled "**Tool List**".

The "Tool List" sheet consists of tools and other items that you have the choice of buying from us or another supplier. We would encourage you to shop around and check prices. **Any tools you would like to purchase from us you should mark on this form and return the form with a check payable to: Roberto-Venn School of Luthiery** (for the total plus sales tax). Your orders will allow us to purchase tools prior to your arrival - so they will be available for you during the first week of class. Any tools that you do not order from us we will assume that you will be bringing on your own.

Also note that on the second page of the "Tool List" is a list of supplies and other items that we do not stock in our inventory. You should purchase these items at a local hardware store, tool supply store, hobby store, etc. If you have not purchased these items prior to your arrival here, we will advise you of stores in the Phoenix area where you can pick these up during the first week of class.

Sincerely,  
Steven Davis  
Tool Director

# Tool List Spring 2019

NAME: \_\_\_\_\_

We require you to have the tools listed below, at the beginning of class. Since we're able to buy these tools in quantity our aim is to provide them to you at a reasonable cost. Please note that you also have the option of purchasing any of these tools on your own, or bringing these tools with you if you already have them. We would encourage you to check prices in your area to compare with the prices below. Please mark each tool you would like to purchase from the school (at the price indicated). **In order for us to secure the tools for your class, please send us a check for the total of the tools you have marked below no later than February 1, 2019.**

Tools	Price	Qty.	Total
6" flexible steel rule (Graduated in 32nds and 64ths)	\$ 6.00		
18" flexible steel rule (Graduated in 32nds and 64ths)	\$ 16.00		
24" Machinist Straight Edge	\$ 35.00		
6" Digital Dial Calipers	\$ 39.00		
1/16" Brass Registration Pin	\$ 3.50		
1/4" bench chisel	\$ 14.00		
5/8" Bench Chisel	\$ 16.00		
1/8" Carbide End Mill	\$ 9.00		
8" Aluminum Fret Leveling Block	\$ 4.50		
Radius sanding block (9" R for fret cauls)	\$ 9.00		
2" Inspection Mirror	\$ 11.50		
4" crescent wrench	\$ 9.00		
1/2" Countersink Bit	\$ 12.00		
6" 6 piece needle file set	\$ 8.00		
6" machinist square	\$ 20.00		
6" mill bastard file (single cut)	\$ 7.00		
Allen wrench set (Metric 1.5 – 5mm)	\$ 8.50		
Allen wrench set (US .050 – 5/32")	\$ 8.50		
Binding Tape (2 Rolls)	\$ 10.00		
Box of 100 Single Edge Razor Blades	\$ 12.00		
Cabinet scraper	\$ 8.00		
Capo	\$ 5.00		
Brad Point Drill Bits (set of three)	\$ 31.00		
Dragon Rasp set 8" & 10"	\$ 25.00		
Diamond Fret File	\$ 69.00		
3" Flexible Disassembly Spatula	\$ 12.00		
Double Edge Nut File - Set of 3 (.012"-.060")	\$ 109.00		
Double Sided Tape	\$ 13.00		
Dremel collet set	\$ 7.00		
Dremel bits for inlay and fret slot (2 packs of 6)	\$ 19.00		
Drill Bit Index (1/16" – 1/2" in 1/64 Increments)	\$ 45.00		

Tools	Price	Qty.	Total
Ear protection	\$ 16.00		
Feeler Gauges	\$ 9.00		
Roberto-Venn Workbook	\$ 35.00		
Diagonal Pliers	\$ 12.00		
Fret Pullers	\$ 35.00		
Fret Rocker	\$ 15.00		
Fret Tang Nippers	\$ 70.00		
Fretting Hammer	\$ 22.00		
Fretwork Step-by-Step by Erick Coleman	\$ 35.00		
Green 1.5" 3M Masking Tape	\$ 7.00		
Guitar Player Repair Guide by Dan Erlewine	\$ 26.00		
Laquer Brushes (set of 2)	\$ 4.00		
Nut & Saddle Vise	\$ 38.00		
Offset Disassembly Knife	\$ 6.00		
Polishing Cloth	\$ 3.00		
Precision Protractor	\$ 39.00		
Precision Router Base	\$ 53.00		
Radius Gauges	\$ 13.00		
Rare Earth Magnets 1/2" x .125 (pack of 6)	\$ 7.50		
Respirator (approved for organic vapor)	\$ 35.00		
Safety Glasses	\$ 3.75		
Soldering Iron and Solder (40 watt iron)	\$ 26.00		
String Spacing Ruler	\$ 18.50		
String winder	\$ 2.00		
Super Glue Kit (Pack of 12 Tubes & Accelerator)	\$ 26.00		
Wire Strippers	\$ 13.00		
Razor Saw Set	\$ 13.50		
8 Piece Sanding Pad Set	\$ 12.00		

**TOTAL with all tools (before tax): \$ 1,196.75**

**Tools Total**

**Sales Tax**

8.60%

**Total Enclosed**

# Tool List

**You will also need these items. Bring them with you, or, you can get them locally. These items should be available at most hardware stores, office supply shops, or hobby shops.**

- Notebook for note taking.
- Box of pencils
- Scissors
- Wide Tip Permanent Marker
- Dust masks for woodworking
- Small Screwdriver set that includes a variety of both straight and phillips sizes.
- Small Flashlight
- Small toolbox & padlock
- Scratch Awl or Center Punch
- We **require** you have your own Dremel tool (Dremel brand and not the cordless model).  
You can purchase these from any hardware store or [stewmac.com](http://stewmac.com).

**Although not required, many of our students find it useful to have a cordless drill on hand. We do not insist that you buy one, but if you have it, bring it along!**