

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 2023

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 or call in a credit card payment for the total of the tools you have marked below no later than February 3, 2023.**

Tools	Price	Qty.	Total
1/16" Brass Registration Pin	\$ 3.50		\$ -
1/2" Countersink Bit	\$ 12.00		\$ -
1/4" bench chisel	\$ 15.00		\$ -
1/8" Carbide End Mill	\$ 9.00		\$ -
18" flexible steel rule (Graduated in 32nds and 64ths)	\$ 16.00		\$ -
2" Inspection Mirror	\$ 11.50		\$ -
24" Machinist Straight Edge	\$ 35.00		\$ -
3" Flexible Disassembly Spatula	\$ 11.00		\$ -
4" crescent wrench	\$ 13.00		\$ -
5/8" Bench Chisel	\$ 18.00		\$ -
6" Digital Dial Calipers	\$ 45.00		\$ -
6" 6 piece needle file set	\$ 10.00		\$ -
6" flexible steel rule (Graduated in 32nds and 64ths)	\$ 6.00		\$ -
6" machinist square	\$ 20.00		\$ -
6" mill bastard file (single cut)	\$ 7.00		\$ -
8 Piece Sanding Pad Set	\$ 14.00		\$ -
12" Aluminum Fret Leveling Block	\$ 6.00		\$ -
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	\$ 10.00		\$ -
Brad Point Drill Bits (set of five)	\$ 31.00		\$ -
Cabinet scraper	\$ 9.00		\$ -
Capo	\$ 5.00		\$ -
Double Edge Nut File - Set of 6	\$ 125.00		\$ -
Double Sided Tape	\$ 13.00		\$ -
Dragon Rasp set 8" & 10"	\$ 25.00		\$ -
Dremel bits for inlay and fret slot (2 packs of 6)	\$ 24.00		\$ -
Dremel collet set	\$ 12.00		\$ -
Drill Bit Index (1/16" – 1/2" in 1/64 Increments)	\$ 45.00		\$ -
Ear protection	\$ 20.00		\$ -
Feeler Gauges	\$ 10.00		\$ -
Fret Cutters	\$ 36.00		\$ -

Tools	Price	Qty.	Total
Fret File - Z File	\$ 92.00		\$ -
Fret End File	\$ 33.00		\$ -
Fret Pullers	\$ 8.00		\$ -
Fret Rocker	\$ 15.00		\$ -
Fret Tang Nippers	\$ 70.00		\$ -
Fretting Hammer	\$ 22.00		\$ -
Fretwork Step-by-Step by Erick Coleman	\$ 43.00		\$ -
Green 1.5" 3M Masking Tape	\$ 7.00		\$ -
Guitar Player Repair Guide by Dan Erlewine	\$ 36.00		\$ -
INCRA Precision Protractor	\$ 38.00		\$ -
INCRA Precision 3" Tiny T-Rule	\$ 18.00		\$ -
Jewelers Saw (\$16.00) and blades (\$4.00)	\$ 20.00		\$ -
Laquer Brushes (set of 2)	\$ 4.00		\$ -
Nut & Saddle Vise	\$ 46.00		\$ -
Offset Disassembly Knife	\$ 6.00		\$ -
Mechanical White Pencil Set with Lead Refills	\$ 14.00		\$ -
Polishing Cloth	\$ 2.50		\$ -
Precision Router Base	\$ 69.00		\$ -
Radius Gauges	\$ 13.00		\$ -
Radius sanding block (9" R for fret cauls)	\$ 12.00		\$ -
Rare Earth Magnets 1/2" x .125 (pack of 6)	\$ 7.50		\$ -
Razor Saw Set	\$ 14.00		\$ -
Respirator (approved for organic vapor)	\$ 42.00		\$ -
Roberto-Venn Workbook	\$ 35.00		\$ -
Safety Glasses	\$ 3.50		\$ -
Sanding Boob	\$ 14.00		\$ -
Soldering Kit Includes: Soldering Station, Solder, Solder Sucker, Multimeter	\$ 100.00		\$ -
String Spacing Ruler	\$ 18.50		\$ -
String Winder	\$ 2.00		\$ -
Super Glue Kit	\$ 29.00		\$ -
Wire Strippers	\$ 22.00		\$ -

TOTAL with all tools (before tax): \$ 1,500.00

Tools Total		\$ -
Sales Tax	8.60%	\$ -
Total Enclosed		\$ -

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 100 nitrile gloves
- Box of pencils
- Eraser
- 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.

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!