

READ THIS FIRST!!!

GUITAR REPAIR AND BUILDING PROGRAM



This tool list is subject to change without notice.

Each year this list is reviewed and updated to reflect the current needs and availability of items used in the program. For the most part, these changes are small, but if you downloaded this tool list from the college website, prior to March 1st of any calendar year, it is possible you will end up with a few items no longer needed or, you may be missing new items added to the list.

Program advising for new students begins in March and **students should be registered for the program by mid-May if they hope to work with the program advisor.** Our program advising video has critical information students should be aware before ordering any tools.

Attached are tool lists explaining what will be needed, as well as vendor information for purchasing.
Please note where some items say "Do not substitute"

FALL COST SUMMARY

* Students can expect to spend approximately \$2400 on the **PRE-PURCHASE TOOL LIST.**

You will need to have the items on the list in hand when you arrive for your first day.

ADDITIONAL COURSE EXPENSES:

SPRING SEMESTER:

Acoustic Construction

Parts & Materials \$400 - \$750

Tools (includes finish work) \$200

(Specifics will be discussed in October)

Electric Construction Option \$400 - \$500

GUITAR - 2ND YEAR:

Advanced Construction \$200 - \$1000

Archtop/Mandolin Option \$650 - \$950

FALL 2026 GTRB Tool Requirements

Bring these items with you first day of school

Prices are estimates, actual pricing may vary as prices fluctuate.

PRE-PURCHASE

1. Chisels, bevel edge or bench, set of 4, including 1/4", 1/2", 3/4" and 1"

\$50 - \$150

(larger sets are fine, but not necessary)

Quality chisels as of fall 2019 were Stanley Sweetheart and Narex.

We are unable to speak to the quality of other brands.

Amazon

www.amazon.com

Highland Woodworking 800-241-6748

www.highlandworkdworking.com

Tools for Working Wood 718-499-5877

www.toolsforworkingwood.com

2. Chisels, 2mm OR 3mm - Stanley Sweetheart or Narex

#449701 Hirsch 2mm from Highland Woodworking

\$24.99

#171231 Stanley Sweetheart from Highland Woodworking

\$31.99

#23K19.03 or from Lee Valley

\$38.50

2mm or 3mm Two Cherries from Tools for Woodworking

\$26.48

(also available from Amazon)

Items from Amazon

www.amazon.com

- | | | | |
|--|---------|-----------------|--------------------------|
| 3. Airtight Rectangular Storage container (for wet stones) | \$28.40 | #B000FDTI8W | |
| 4. King Whetstone Starter Set 1000/6000 grit | \$56.88 | #B07V96KH7M | |
| 5. Wet/Dry Silicon Carbide sandpaper, 320 grit | \$12.39 | #B0B45WFNKF | |
| 6. MG Chemicals 60/40 Rosin Core Solder, .032" diameter | \$4.95 | #B005T8N4RY | |
| 7. Aven 17530 Soldering Stand w/Soft Coiled Tip Cleaner | \$7.37 | #B00LQG47V0 | #2214871 Jameco.com |
| 8. Blue Painters Tape: 1/4", 1/2", 3/4" set of 3 rolls | \$9.39 | #B08256G9LH | |
| 9. Precision Forceps Locking Tweezers, curved 5.5" | \$5.73 | #B00GGAAPD0 | |
| 10. COMOWARE 29-Piece Drill Bit Set | \$44.69 | #B07JDWDVP4 | |
| 11. * Students can expect to spend approximately \$2400 on the PRE-PU | \$21.99 | #B001AV953Q | |
| 12. Dura Gold PSA Sandpaper Roll - 120 Grit | \$21.99 | #B001AV9BJY | |
| 13. Dura Gold PSA Sandpaper Roll - 180 Grit | \$21.99 | #B001AVB7YG | |
| 14. Dura Gold PSA Sandpaper Roll - 240 Grit | \$21.99 | #B07JGB6DB1 | |
| 15. Dura Gold PSA Sandpaper Roll - 320 Grit | \$21.99 | #B001AV7J3Y | |
| 16. Dura Gold PSA Sandpaper Roll - 600 Grit | \$21.99 | #B07DTFSNXX | |
| 17. General Tools 17 Square Head Stainless Angle Protractor | \$15.48 | #B00004T7TB | #20990 Ace |
| 18. General Tools 83 Pocket Scriber | \$10.23 | #B00004T7RY | #20800 Ace |
| 19. General Tools 230 Economy Feeler gauge .0015"-.025" | \$9.26 | #B00004T7T4 | #26327 Ace |
| 20. General Tools 616 Flexible Stainless Ruler, 6" | \$6.99 | #B00002NBK1 | #26324 Ace |
| 21. Hammer 9.25" Brass/Nylon 1/2" Replaceable Faces | \$14.29 | #B018R819ZG | #112416 riogrande.com |
| 22. Solder Wick (desoldering braid) | \$6.99 | #B094GZ6CPZ | |
| 23. Painting Knife Set of 2 Palette Knives | \$13.99 | #B08NPHCGR3 | |
| 24. Auto Ranging Multimeter TRMS 6000 | \$22.39 | #B06ZZG2F2N | |
| 25. Shinwa 62588 Japanese 6" Stainless Sliding Bevel Gauge | \$14.30 | #B000TGO1RI | #156735 Japan Woodworker |
| 26. Stanley 39-130 3x1/4" PowerLock Key Tape | \$6.47 | #B00002X2HB | |
| 27. Suizan Dozuki Saw | \$38.80 | #B07314SWRF | |
| 28. Weller SP40NKUS 40-Watt Soldering Iron Kit | \$38.99 | #B00B3SG7F0 | #2392017 Ace |
| 29. Mastering Woodworking Machines by Mark Duginske | \$16.16 | ISBN 0942391985 | Used books are fine |
| 30. Guitar set-up mat (also need neck rest, some come with neck rest) | \$14.99 | #B0C25P6D77 | |
| 31. Guitar neck rest (some come with set-up mats, you choose) | \$14.99 | #B083TKC4V9 | |
| 32. Guitar string winder - you can substitute this item | \$10.50 | #B0002GJ3E6 | |
| 33. Capo - you choose, product number given as a reference | \$8.99 | #B086J8YDK3 | |
| 34. Guitar polish cloth - provided # is an example | \$4.99 | #B0CSQQS8YL | |
| 35. Guitar polish - you choose preferred type | \$8.00 | estimated cost | |
| 36. Guitar cable, (if you already own one, bring it day 1) | \$9.99 | #B081T2S74C | |
| 37. Fret Guru XT String action gauge - pro fret rocker | \$38.00 | #B0F63PTPR4 | |

Estimated Amazon total **\$626.53**

Items from Lee Valley (800-871-8158)www.leevalley.com

38. #62W3085 Japanese Milled-Tooth File/10" half-rnd/med tooth	\$24.00
39. #06K20.24 Rule, Cabinetmakers, 24"	\$20.50
40. #60N20.11 Rule, Center finding, 12"	\$16.50
41. #68Z8203 Angled sanding grips, set of 4	\$6.90
42. #05K30.04 Scraper material, hard .4mm	\$8.50
43. #24N0802 Precision Double Square, 6"	\$57.50
44. #05P22.30 Veritas standard angle *block plane	\$189.00

*Either steel blade will work, less expensive is fine

Estimated Lee Valley total \$322.90**Items from Neck Check Guitar**www.neckcheckguitar.com

45. Fender/Gibson Straight Edge	\$25.99
OR Fender/Gibson/Bass/Martin/PRS set of 4 for \$80	
46. Straight Edge, aluminum, 24"	\$35.00

Items from Philadelphia Luthier Supplywww.philadelphialuthiertools.com

47. TL-NF10 Guitar Nut File Set, 10 files	\$98.99
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Items from Stewart MacDonald (800-848-2273)www.stewmac.com

48. #0447 Caliper, Luthier's Digital	\$59.99
49. #1550 Fret Work Step by Step	\$65.19
50. #0570 Guitar Player Repair Guide	\$29.19
51. #5054 Offset Diamond Fret File, 300-grit	\$118.39
52. Order Part#1598 - complete kit includes:	
#3572 Pull Stroke Gauged Saw .020"	\$19.99
#5893 Set of 3 Guitar Nut Drivers, 10mm, 7/16", 1/2"	\$50.14
#0619 Fret cutter	\$37.51
#1175 Fret end dressing file	\$15.99
#1637 Fret puller	\$51.59
#0842 Luthier's File Set	\$97.99
#3062 Needle File Set	\$33.19
#3108 Drop-fill toothpicks	\$6.87
#3744 Fingerboard guards, set of 6	\$23.99
#7013 Glue accelerator, brush on	\$17.99
#0404 - Radius block 4" long, 9 1/2" radius	\$16.99
#0412 - Radius block 4" long, 12" radius	\$16.99
#0413 - Radius block 4" long, 16" radius	\$16.99
#13602 Saw, Refret, .023"	\$33.99
#5432 Radius Gauges, set of 2	\$26.31
#0487 Fret dam, teflon	\$12.47
#4578 Fret/Fingerboard leveler, 16"	\$81.49
#3775-FILE Fret beveling file, 7.5"	\$22.26
#7015 Whiptips for Superglue, pkg of 10	\$5.19
#4870 Fret slot cleaning tool	\$32.39
#0010 Glue, Super #10 thin	\$12.99
#0020 Glue, Super #20 medium	\$12.99
#3730 Micromesh Finishing pads	\$21.95

IF KIT HAS BACKORDERED ITEMS, ADD EACH ITEM INDIVIDUALLY TO YOUR CART**Estimated Stew Mac Total \$941.01 \$846.91 *discounted 10%*****Request discount when ordering, orders must be shipped to college to get discount**

Optional item from Stewart McDonald:

#4577 Fret/Fingerboard leveler, 8"	\$43.56
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Available direct from Peterson

www.petersonstuners.com

53. Peterson StroboPlus HDC Tuner

\$115-\$150

54. #171599 Peterson TP-3 clip on pickup

General Supplies**Estimates**

55. 3 ring binder, 2" angle D (for handouts)	\$7.95
56. Allen wrenches, 1.5mm-6mm and 1/16-1/4"	\$10.00
57. Paper towels	\$1.99
58. Chalk	\$1.00
59. Custom Auto Care Detail Brush #14007 at Ace Hardware	\$2.79 (optional for cleaning files)
60. Dividers, 8 tab (for handouts)	\$2.95
61. Ear Plugs	\$0.19
62. Epoxy, 5 minute (Gorilla Glue recommended)	\$7.00
63. Glue, Titebond or Elmers yellow	\$7.00
64. Marker, black chisel tip	\$0.95
65. Naptha - small container	\$5.00
66. Paste Wax, clear - 16 oz can	\$7.00
67. Pens and/or pencils (for notetaking)	
68. Pliers	\$6.00
69. Q-tips	\$3.00
70. Safety glasses or goggles	\$4.25
71. Scissors	\$4.95
72. Screwdriver, Phillips #2, 10-12" long	\$8.00
73. Screwdrivers, precision set	\$10.00
74. Screwdrivers, various sizes	\$12.00
75. Shop apron	\$8.25 (optional)
76. Tape, 2" Double sided (Carpet tape)	\$7.00
77. Utility knife	\$9.00
78. Utility knife blades, .025" heavy duty, 100/pkg	\$10.00
79. Wire Cutters, 6" diagonal	\$16.00
80. Xacto Knife	\$5.00
81. 1/16" drill bits, set of 2 minimum, more is fine	\$4.99

Estimated amount for general supplies \$162.26**DRAFTING SUPPLIES - ELECTRIC DESIGN CLASS**

The following items are a minimum, of needed supplies for class blueprint

Substitutue with other similar items if out of stock, or you prefer something else

82. Drafting triangle 30/60/90 Aluminum 10"	\$8.98	#B004BN9N3W
83. French curves, set of 3	\$10.00	#B002M5DR1U
84. Circle guide template	\$9.50	#B000KNJQWK
85. Large erasers, 2-pack	\$5.50	#B07S82GGFZ
86. Mechanical pencil, .5mm or .7mm	\$8.60	#B007HJOQ0W
87. Flexible curve drawing tool (optional but very helpful)	\$11.99	#B001E209MM

Estimate for drafting supplies - Electric Design class \$54.57