

## Tool Requirements

Although our shop is equipped with a wide variety of portable power and hand tools, there are not enough for simultaneous use by all students. To promote maximum efficiency and encourage personal responsibility, we require each student to obtain and maintain a set of basic tools. We also recommend the purchase of a portable tool box or bag to transport these tools to and from class each day or to store them in our locked tool closet.

Below are three lists of tools: required, highly recommended, and optional. We prefer that you obtain the required tools prior to the start of class or, at the very latest, by the end of the first week of class. The same applies for the highly recommended tools. However, unless you already own tools on the optional list, it is better to wait until after we've discussed them in class. There is a detailed description of many of the tools and recommended sources at the end of this document.

In many cases, specific tools and sources are suggested. If you already own a similar tool, or would like to purchase a brand not on the list, either give us a call prior to the start of classes to discuss its suitability or wait to discuss it with your instructor the first week of class. You should expect to incur between \$200-\$400 on tools depending on what you already own.

Most of the tools on the required list can be obtained from either Woodcraft ([www.woodcraft.com](http://www.woodcraft.com)) or Lee Valley ([www.leevalley.com](http://www.leevalley.com)). Our local Woodcraft store offers a 10% discount for our students on individual tools. We have also worked out a special offer with them for a bundled set of tools for a 15% discount.

REQUIRED	HIGHLY RECOMMENDED	OPTIONAL
Tape Measure (16'-25') 6" Hook Rule 12" Combination Square Construction Calculator (Handles fractional calculations & board/foot conversion) Chisel Set (Minimum 1/4", 1/2", 3/4", 1") Block Plane Dovetail/Backsaw Hand Scraper Set Counter Sink Drills #1 and #2 Phillips and square tip screw bits and magnet tip holder. Pencils, markers (Sharpie), and notebook. Eye, Ear, and Respiratory Protection	4" Sliding Square Sliding Bevel Gauge Vix (Centering) Bit Set Screwdrivers Fractional Calipers Tool Apron Putty Knife – Medium Hard Dead Blow Hammer Cordless Drill/Driver (Minimum 14V) Folding Razor Knife	Curved Claw Hammer (16 oz or smaller) Framing Square Pliers (Vise grip, needle nose) Plane (#4 Smooth, or #5 Jack) #80 Cabinet Scraper Router (Minimum 1 HP w/ 1/4" and 1/2" collets) Random Orbit Sander Nail sets (sm, med, lg #1, 2, 3)