

LCC Gunsmithing Tool Purchasing Guide

Tool Name:	Details:	Semester needed by:
Machining/Measuring tools:		
Safety Glasses or side shields for prescription glasses		1st semester of 1st year
Lay Out Fluid (Dykem)		1st semester of 1st year
Steel or carbide scribe		1st semester of 1st year
Steel Machinist Protractor- General		1st semester of 1st year
60° Center Gauge		1st semester of 1st year
6" steel rule		1st semester of 1st year
▣ Depth micrometer, 0-1"	.125" Rod diameter	2nd semester of 1st year
Edge Finder		1st semester of 1st year
Tape Measure		1st semester of 1st year
Cross test level		1st semester of 1st year
Dial indicator, 0-1" w/ magnetic base		1st semester of 1st year
Book – Machining Fundamentals by author John R. Walker 11th edition	ISBN #978-1-64925-979-0	1st semester of 1st year
4- 5/16" square High Speed Steel (HSS) tool bits, 2 ½" long		1st semester of 1st year
#3 Center drill		1st semester of 1st year
Quality 6" dial calipers		1st semester of 1st year
Chip brush (cheap paint brush)		1st semester of 1st year
8-10" Mill files (1 ea. of the following):	Bastard Cut	1st semester of 1st year
	Second Cut	1st semester of 1st year
	Smooth	1st semester of 1st year
File handles for above listed files		1st semester of 1st year
Hacksaw with quality blades, 24-32 Teeth per inch		1st semester of 1st year
Files, one each of the following:	Three corner	1st semester of 1st year
	3/16" chainsaw	1st semester of 1st year
	5/16" chainsaw	1st semester of 1st year
	Needle file set	1st semester of 1st year
File card		1st semester of 1st year
Stones, ½"x ½"x 6 inch length(one each of the following)	Coarse	1st semester of 2nd year
	Medium	1st semester of 2nd year
	Fine	1st semester of 2nd year
	Extra Fine	1st semester of 2nd year
End Mills, center-cutting HSS(One each of the following)	¼"	1st semester of 1st year
	3/8"	1st semester of 1st year
	½"	1st semester of 1st year
Quality drill index, including Numbered, Fractional and Lettered sets		1st semester of 1st year
Tap sets, including the following:	Standard up to ½"	1st semester of 1st year
	Set that includes 6-48, 8-40 threads, similar to 'Brownells #2 Tap Set'	1st semester of 1st year
Dovetail Cutter (.330"x60 Deg OR .330"x65 Deg-to match your sights){Wait for class to start}		1st semester of 1st year
Cleaning Supplies:		
▣ Rags	Rods	1st semester of 1st year
Cleaning supplies for firearms:	Brushes	1st semester of 1st year
	Jags	1st semester of 1st year
	Patches	1st semester of 1st year
	Solvents	1st semester of 1st year
WD-40		1st semester of 1st year
Acetone		1st semester of 1st year
Simple Green w/spray bottle		1st semester of 1st year
Breakfree gun oil		1st semester of 1st year
Toothpicks		1st semester of 1st year
Q-tips		1st semester of 1st year
Tooth brushes		1st semester of 1st year
Latex/disposable gloves		1st semester of 1st year
Reloading Supplies:		

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One set straight wall (pistol) reloading dies (wait for class to start)	Brass(50)	1st semester of 1st year
Reloading components for same caliber as above(wait for class to start)	Primers	1st semester of 1st year
	Powder	1st semester of 1st year
	Projectiles	1st semester of 1st year
		1st semester of 1st year
One set bottle neck (rifle) reloading dies (wait for class to start)	Brass(50)	1st semester of 1st year
Reloading components for same caliber as above(wait for class to start)	Primers	1st semester of 1st year
	Powder	1st semester of 1st year
	Projectiles	1st semester of 1st year
		1st semester of 1st year
Shell holders for above dies(Wait for class to start)		1st semester of 1st year
Miscellaneous Tools:		
Parrot Multi Vise(Optional, but the ones in the shop have seen a lot of use)		1st semester of 1st year
4 oz. ball-pein hammer		1st semester of 1st year
Assorted flat blade screwdrivers (fixed blade, not magnetic tip style)		1st semester of 1st year
10" adjustable wrench (crescent, etc.)		1st semester of 1st year
Allen wrenches, standard and metric		1st semester of 1st year
☑ A tool box to secure your personal belongings- must be bench top, not roll-away type		1st semester of 1st year
padlock for securing bench		1st semester of 1st year
Note taking materials, i.e. notebooks, paper, pens, etc.		1st semester of 1st year
Shop coat or apron (optional)		1st semester of 1st year
Pin punch set (good quality and extra 1/16")		1st semester of 1st year
Various pliers, i.e. needle nose, locking, etc.	150 grit	1st semester of 1st year
Sandpaper (min. 5 sheets ea.)	220 grit	1st semester of 1st year
	320 grit	1st semester of 1st year
	400 grit	1st semester of 1st year
Steel wool, '0000'	220 grit	1st semester of 1st year
Aluminum oxide general purpose shop rolls 1" wide:	320 grit	1st semester of 1st year
High and medium strength thread locker		1st semester of 1st year
Dust Masks or filter cartridge(particulate) respirator		1st semester of 1st year
Dremel or Foredom tool with accessories		1st semester of 1st year
Masking tape		1st semester of 1st year
Tap Fluid		1st semester of 1st year
Propane or MAP gas Torch		1st semester of 1st year
Small Baking Pans to hold parts	3", 2 ea	1st semester of 1st year
C clamps:	5", 2 ea.	1st semester of 1st year
Mallet, 10-12 oz. non marring		1st semester of 1st year
Scissors		1st semester of 1st year
Flashlight, small		1st semester of 1st year
Short barrel liner drill		1st semester of 1st year
A roll of bailing wire		1st semester of 1st year
Stock inletting tools (wait for class to start)		2nd semester of 2nd year
Assortment of wooden dowels		2nd semester of 1st year
White Cotton Gloves		2nd semester of 1st year
Chemical Resistant spray bottle		1st semester of 1st year
		1st semester of 1st year
Welding Supplies:		
Welding Helmet w/#10 lens - Tig		1st semester of 1st year
#5 welding goggles		1st semester of 1st year
Thin leather welding gloves (i.e. TIG gloves)		1st semester of 1st year
Stainless Steel wire brush, small		2nd semester of 1st year
1/16" 2% Thoriated Tungsten welding Electrodes (red ends)		2nd semester of 1st year

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Firearm parts/accessories:		1st semester of 1st year
Scope bases for one of your bolt action rifles (wait for class to start)	FN Mauser style	1st semester of 1st year
Scope rings for above bases(Wait for class)		1st semester of 1st year
Inexpensive scope		2nd semester of 2nd year
2 sets open sights, one dovetail, one screw down (wait for class to start)		1st semester of 2nd year
Recoil pads(3) Grind to fit type (wait for class to start)		1st semester of 1st year
A Jewell brand , multi sear trigger for Remington 700 (Wait for class to start)		1st semester of 2nd year
A set of sling swivels (wait for class to start)		1st semester of 1st year
Weld-on bolt handle for Mauser		2nd semester of 1st year
Low Scope Safety for Mauser		2nd semester of 1st year
.22 Barrel Liner		2nd semester of 2nd year
.22 Barrel Liner Drill (short)		2nd semester of 2nd year
A Weld On Bolt Handle for Mauser Bolt		2nd semester of 1st year
A 2 Sear Trigger such as Timney, or Jard for your Mauser(Wait for class to start)		2nd semester of 1st year
2 Pre contoured barrels(un-threaded and un-chambered) {Wait for class to start}	Order before Dec of 1st year	2nd semester of 1st year
1 un-contoured barrel blank(Wait for class to start)	Order before Dec of 1st year	2nd semester of 1st year
A Semi-inletted wood stock for Rem, Springfield, or Mauser		2nd semester of 1st year
Foam-Filled Fiberglass stock for Rem, Springfield, or Mauser		2nd semester of 1st year
Raw Materials:		
20 gauge Sheet Steel (aprox 12"x12")		2nd semester of 1st year
36" length of 1/4" Allthread with nuts and washers to fit		1st semester of 1st year
Cold Rolled Round stock Steel(6' Lengths):	1/4"	1st semester of 1st year
	3/8"	1st semester of 1st year
	1/2"	1st semester of 1st year
	3/4"	1st semester of 1st year
	1"	1st semester of 1st year
Cold Rolled Round stock Steel 1 1/4" in diameter(one 10' piece)	1 .25"	1st semester of 1st year
Flat Bar Stocks 27" length of 1"x2"		1st semester of 1st year
Flat Bar Stocks 24" length of 1/2"x1-1/2"		1st semester of 1st year
Alluminum Bar Stock(1 piece of each dimension below):	1-1/2"x4"x5"	1st semester of 1st year
	1"x3"x6"	1st semester of 1st year
	2-1/2"x 2-1/2"x 9.5"	1st semester of 1st year
36" length of 1/2" Drill Rod	Oil hardened preferred (O-1)	1st semester of 1st year