Murray State College
Gunsmithing Program Tool List
Fall 2025/Spring 2026

The Gunsmithing Program requires tools, materials and books for students to be able to complete the program. This list has required, recommended, and provided items. For Incoming Freshman, during the first week of classes your Instructor will talk to you about the tools needed. It is required to have most, preferably all, these tools the first day of class. You may already have some of these tools, please bring what you have and you will be given time to purchase the others after classes start. Please keep tool box sizes to a minimum. No Rolling Tool boxes. Maximum of 19 to 20 inches tall. Width and length sizes can vary slightly (2-5 inches).

If you have any questions regarding the purchase of these items, please call or email our Gunsmithing Department instructors.

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List of Tools, Materials, Books, & Gun Components

Note: Tool lists are subject to change.

The following list is provided as an example to help our students identify what items will be necessary, during their first semester of our program. The item numbers listed below represents a quality level that we feel is appropriate to the type of work our students will be doing. Lower priced products may not perform as required, and although higher quality items would be acceptable, they may not be necessary.

Tool retailer in parenthesis:

(These are suggested retailers. You are NOT required to buy your tools from these companies. The stock numbers provided below can be used to view an item you are unfamiliar with. You are free to purchase your tools from wherever you wish, but those listed below have been found to be good quality. PRICES ARE ONLY AN ESTIMATE!)

Brownells =	**http://www.brownells.com/**
MSC = MSC Industrial Supply	**https://www.mscdirect.com/**
Gesswein =	**http://www.gesswein.com/**
McMaster-Carr =	**www.mcmaster.com**

FIRST SEMESTER

Tools/Materials/Books

QTY	ITEM	Retailer Stock Number
1	Flash Drive-to save documents, handouts	
1	24 inch stainless steel ruler	
1	Tool Box (**no rolling boxes**) 26" x 12" x 18" (or up to 20")	(MSC- 43282292)
4	1 1/2 in, 3 Ring Binder	
4	8x11 in Notebooks	
1	Package pencils, pens	
2	Safety Glasses (Z-87 rated)	(MSC- 91187641)
1	3" Machinist Square	(MSC- 06508030)
1	10" Mill Bastard File	(MSC- 80755317)
1	12" Lathe File (bastard)	(MSC- 80765027)
1	6" Standard Pillar File (No.2)	(MSC- 00241992)
1	6" Slim Taper File (triangle)	(MSC- 8076114)
1	10" Half Round File (bastard)	(MSC- 80759319)

1	¼ x 8" Chain Saw File	(MSC- 83053488)
1	8" Square File	(MSC- 80760218)
1	6" Half Round File (bastard)	(MSC- 80759111)
1	6" Mill File (Bastard)	(MSC- 8075715)
1	4" Mill File (Bastard)	(MSC- 80755010)
1	115 Pc Drill Index (Fract, Ltr, Num)	(MSC- 01186709)

1   India Stone (medium Coarse) 1/2x1/2 square, 6-inch Long
                                    (Brownells- 657-246-146WB)
1   Set of Needle File, 6 pc, fine (MSC- 60304813)
                OR-   , 12 pc fine   (Brownells- 249-210-030WB)

5	File Handle	(MSC- 82847476)
1	Drive Pin Punches (Set of 8)	(MSC- 91342824)
1	12 oz. Ball Peen Hammer	(MSC- 40973539)
1	Slip Joint Pliers	(MSC- 57279143)
1	Needle Nose Pliers	(MSC- 73211120)
1	0-1" Micrometer (Reads to .0001)	(MSC- 85217560)
1	6" Dial Calipers	(MSC- 76367069)
1	Center Gage 60	(MSC- 86413879)
1	Scribe	(MSC- 06498802)
1	Hacksaw	(MSC- 87656054)
5	Hacksaw blades (Bi-metal)	(MSC- 03381266)
1	Screw Pitch Gage	(MSC- 01221027)

1   Layout Fluid (BLUE only, Liquid, Not spray)
                                    (MSC- 00264036)

1	File Card	(MSC- 00650671)
1	6" x ½ Flex Ruler (5R)	(MSC- 69745974)
5	5/16 Tool Bit Blanks	(MSC- 02603207)
1	Tap Wrench	(MSC- 05041645)
1	Allen Wrench Sets (SAE and Metric)	(MSC- 88349824)
1	Center Drill #4	(MSC- 01031343)

1   Dial Indicator 1 inch (.001) w. magnetic base
                                    (MSC- 09900572)
10   Sheets of Wet/Dry Sand Paper, 180, 220, 320, 400 grit
Norton Brand Recommended   (Walmart, Lowes, O'Reileys)

1	Roll Pin Punch Set	(MSC- 86061132)
1	6" Dividers/Scribing Compass (McMaster 2060A33)	

Suggested tools- (NOT REQUIRED)
1   Magnatip Screwdriver Set 58 bit
                                    (Brownells- 080-112-081WB)
1   Butt-stock Screwdriver (Brownells- 319-120-006WB)
1   Dremel Tool Kit, corded   (MSC- 81160392)
1 set   Gesswein Die Maker's finishing Stones (405-2060)

Books:

Technology of Machine Tools
by Steve F. Krar (Author), Arthur R. Gill (Author), Peter Smid (Author)
ISBN: 978-0073510835
7th Edition