

Description	Suggested Vendor	Item Number	Est. List Prices	Notes
1st year - Fall Semester GSM 111 GSM 120 Gunsmithing I				
Brownells Magna Tip Master Screwdriver Set	Brownells	080-112-081WB	\$129.99	
1/16 Starting Punch	Brownells	587-465-062WB	\$5.99	
3/32 Starting Punch	Brownells	587-465-093WB	\$5.99	
5/32 Starting Punch	Brownells	587-465-156WB	\$5.99	
5/16 Center Punch	Brownells	587-113-455WB	\$5.99	
Double Face Hammer	Brownells	818-600-100WB	\$21.99	
Roll Pin Punch Set	Brownells	354-000-025WB	\$32.99	
Torx Bit Set	Brownells	080-435-000WB	\$17.99	
1/2" Threading Tool Kit	Brownells	080-000-839WB	\$84.99	(Uses HSS or carbide inserts)
Wilson Chamfer and Deburr Tool	Brownells	749-002-551WB	\$19.39	
MSC has special pricing for MCC students. Check with your advisor before tool purchase.				
Starrett punch set	MSC	86420635	\$76.73	
Bondhus Allen Wrenches inch	MSC	05051586	\$26.21	
Bondhus Allen Wrenches metric	MSC	30574297	\$27.89	
Needle File Set	MSC	43589274	\$127.37	
8" Flat Pillar File, Grobet	MSC	60210424	\$34.00	
6" Mill File, Nicholson	MSC	80755127	\$12.51	
File Handles, 3 piece set, Nicholson	MSC	48654107	\$7.00	
6" Traingle File, Nicholson	MSC	80761141	\$8.48	
8 piece File Set, Nicholson	MSC	60304888	\$148.45	
6" Round File, N icholson	MSC	80758113	\$10.87	
8" Round File, Smooth Cut, Nicholson	MSC	80758238	\$15.80	
Dykem layout fluid (Blue)	MSC	00264036	\$10.85	
6" Dial calipers	MSC	84477736	\$125.00	Mitutoyo listed, can be substituted.
0-1" Micrometer, 0.0001 Graduations	MSC	06230197	\$145.00	Mitutoyo listed, can be substituted.
1-4" Depth Micrometer, 4" Base	MSC	06234454	\$213.00	Mitutoyo listed, can be substituted.

Dial Indicator Kit, 0.001 Graduation	MSC	76444025	\$54.28	Value Collection
Parallel Set, 1/8" Thick 1/2 to 1-5/8 height, 6" long	MSC	06820898	\$108.00	Value Collection
Single End Edge Finder	MSC	03293420	\$12.30	SPI Listed
Thread Pitch Gauge Inch 4 to 48 TPI Range	MSC	06489512	\$25.41	
Thread Pitch Gauge Metric, .25 to 2.5mm Range	MSC	01221019	\$17.93	
6" 4R Steel Rule, 1/64, 1/32, 1/16, 1/8	MSC	78988771	\$6.22	SPI Listed
4 Piece Combination Square Set 12" 4R Graduations,	MSC	09904905	\$127.77	Value Collection
Hertel 115 Piece Index Drill Bit Set, 1/16 - 1/2 by 64ths, A-Z, 1-60	MSC	73285355	\$361.01	
KEO 5 Piece Center Drill Set	MSC	1031558	\$65.92	
(3) 3/8" HSS Tool Bits (Blanks To Grind)	MSC	2603249	\$6.69	You will need 3
(3) 1/2" HSS Tool Bits (Blanks To Grind)	MSC	02603322	\$13.07	You will need 3
End mill 20 Piece Set	MSC	92000439	\$250.74	Interstate Brand
Lathe center gauge	MSC	81885840	\$8.61	SPI Listed
Feeler Gauge Set, 26 Piece .00015"-.02500" thickness	MSC	6588305	\$12.36	Value Collection
2 Piece Noga Deburring Tool, S10 Blades	MSC	67294512	\$5.00	
X-acto knife	MSC	6530901	\$3.80	
Knife blades	MSC	6531040	\$2.33	
Welding Gloves	MSC	6528160	\$16.16	Cowhide, Cotton Lined Welding Gloves
5 piece Plier set	MSC	00668970	\$64.69	Value Collection
Stainless Steel Brush, 1-1/2x1/2 inch	MSC	09301714	\$2.13	
Dial Test indicator, 0.0001 Graduations	MSC	00468074	\$124.98	Value Collection
Noga Indicator Base, 60mmx50mm	MSC	74100975	\$166.79	You will need a minimum of one, preferable 2 bases
12" Hacksaw Frame	MSC	87656062	\$11.58	Stanley Brand
Bi Metal Hacksaw Blades 32 tpi	MSC	3381282	\$2.12	Starrett Brand, you will need several

Ballpeen hammer – 16oz	MSC	40973562	\$19.58	
Safety glasses	MSC or Hardware stores		\$5.00	
Metal scribe – carbide tipped	MSC or Hardware stores	6945596	\$5.82	Moody Tools Brand, can be substituted
10" Adjustable Wrench, 1-5/16 Opening	MSC or Hardware stores	79322038	\$19.91	
Set of pad locks for lockers	MSC or Hardware stores	67845909	\$10.68	You will need 2 locks
(2) Bearings, 12mm Bore, 32mm OD	MSC	35434364	\$10.62	You will need 2 bearings
Tap Handle	MSC or Hardware stores	06990139	\$43.64	This is a 2 piece set
Tap Guide	MSC	44360568	\$44.61	#0 to 5/8 Tap Sizes
Back Plunger dial indicator	MSC	76422351	\$105.27	SPI Listed
Dremel Tool Kit	MSC or Hardware stores	81160418	\$100.72	
Optional:				
Dial Drop Indicator, 0.001 Graduations	MSC	76422369	\$105.27	SPI Listed
Additional Noga indicator base	MSC	74100975		See Above, line 51
1st year - Fall Semester GSM 111 Gunsmithing I				
MCC Gunsmithing Lab fee for Shop Materials	MCC		\$50.00	
Machining Text	MCC E-Campus Bookstore		\$100.00	
1st year - Fall Semester GSM 120 Gunsmithing Tools				
GSM 120 Gunsmithing Tools: Lab Fee for materials	MCC		\$100.00	
Note: The tools purchased from the Initial Basic Tool List will be used in this class.				
1st year – Spring Semester GSM 125 Barrel Fitting/Alteration				
3/8" Turning & Boring Kit (Uses HSS or carbide inserts)	Brownells	080-000-835WB	\$130.00	

35 Degree Profile Kit (Uses HSS or carbide inserts)	Brownells	080-000-836WB	\$110.00	
3JT to 3MT Drill Chuck Adapter	MSC	8620338	\$10.00	
1-2" Outside Micrometer (Suggested but not required)	MSC	06231674		
Rifle barrels for projects – 3 Required				
(3) Rifles Barrel Blanks Note: Your Instructor Will Advise	Shilen, Bartlien, Brux, Krieger, Lilja, Hart, Douglas barrels		\$120.00-365.00	See list for information
Rifle actions for projects – 3 Required				
(1) Weatherby Vanguard Action	Weatherby thru MCC	Varies	\$200.00	
(1) Remington 700 action (NOTE: The student must have at least one 700 action)		Varies	\$300.00	
(1) CZ 550, CZ 527, Winchester 70, Mauser 98 NOTE: You are advised to speak with your instructor prior to purchasing any action. The MCC Gunsmithing Club does group purchases at a reduced cost.	CZ, USA thru MCC	Varies	\$175.00 – 500.00	
(2) 6-48 Carbon Taper Taps	Brownells	395-648-001WB	\$3.00	
(2) 8-40 Carbon Taper Taps		395-840-001WB	\$2.49	
(2) 6-48 Carbon Bottom Taps	Brownells	395-648-003WB	\$2.79	
(2) 8-40 Carbon Bottom Taps		395-840-003WB	\$2.79	
Talley Scope Base and Scope Rings for each action (Ask instructor)	Talley Manufacturing	https://www.talleymanuf	\$45.00	Receiver Model Specific
An additional Noga Base and .0001" are encouraged.				
GTR Range Rod	Gre-Tan		\$33.00	Bore Specific
Gage Pins	MSC			Bore Specific
Small solid carbide boring bar				

1st year – Spring Semester GSM 127 General Repair

Gun Digest Centerfire Rifles Assembly and disassembly	Amazon	ISBN-10: 194626704X	\$35.00	
Gun Digest Book of Automatic Pistols Assembly/Disassembly	Amazon	ISBN-10: 1946267317	\$35.00	
Gun Digest Book of Shotguns Assembly/Disassembly	Amazon	ISBN-10: 1440247714	\$30.00	
Gun Digest Book Of Rimfire Rifles Assembly/Disassembly	Amazon	ISBN-10: 1440245843	\$30.00	
Gun Digest Book of Revolvers Assembly/Disassembly	Amazon	ISBN-10: 194626749X	\$30.00	
Ampro Cleaning Kit	Brownells	945-000-021WB	\$49.99	
Shooters Choice Grease	Brownells	934-010-010WB	\$7.99	
Rig Grease 3oz	Brownells	167-400-274WB	\$8.99	
Hand Rub Gun Saver Finish	Brownells	209-642-009WB	\$17.99	
60 degree sight file	Brownells	080-648-060WB	\$45.00	
Oxpho Blue Cold Blue Cream	Brownells	082-124-004WB	\$9.99	
Black Iron Wire	Brownells	038-018-003WB	\$5.99	
Optivisor	Brownells	255-000-000WB	\$54.99	
Dovetail blank	Brownells	080-770-375WB	\$15.75	
Plastic Handle Try Pack	Brownells	016-100-000WB	\$16.99	
Brownells, Magna Tip Thin-bit set	Brownells	080-120-000WB	\$49.99	
1 lb. each – rifle, pistol & shotgun powder	Store purchases/reloading supplies		\$25.00	Depends on cartridge
100 each –Rifle, pistol & shotgun primers	Reloading supplies		\$4.00	Depends on cartridge
Flat Spring Stock	MCC			See Instructor
Stanley 6 Piece Screw Driver Set	MSC	77409258	\$9.17	
Irwin 0-1/2" Tap Handle 9 1/4" Length	MSC	93285047	\$17.47	
Sanding Stick Standard and Finish Kits	Amazon		\$27.94	80-500 Grit
Boride All Purpose Gunsmithing Stone Kit	Boride Abrasives	GS Kit	\$83.00	
100 each – Unprimed rifle & pistol brass & shotgun hulls	Reloading supplies		\$25.00 and up	Depends on cartridge

100 each – Rifle & pistol bullets	Reloading supplies		\$25.00 and up	Depends on cartridge
100 – Shotgun wads	Reloading supplies		\$15.00	Depends on cartridge load
25 lbs. of shotgun shot	Reloading supplies		\$35.00	Depends on cartridge load
Additional Local Purchase Items: 1 gallon Zip Lock Bags, Pipe Cleaners, Q-Tips, 3M Sanding Block, 1 Qt Denatured Alcohol, 0000 Steel Wool, Chemical Proof Sprayer Bottle, 1 Gallon Acetone				
1st year – Summer Session GSM 235 Current GSM Techniques				
Brownells screw driver tips for recoil pads	Brownells	080-136-000WB	\$3.99	
1/2 “ Gunline barrel bedding tool	Brownells	364-700-500AN	\$47.99	
5/8” Gunline barrel bedding tool	Brownells	364-700-625AN	\$47.99	
3/4' Gunline barrel bedding tool	Brownells	364-700-750AN	\$47.99	
14mm Straight chisel	Brownells	541-000-007WB	\$52.99	
4mm Straight chisel	Brownells	541-000-005WB	\$38.99	
Rig Grease in can, 12 oz.	Brownells	167-400-458WB	\$13.59	Check with Instructor, this may be a duplicate
(1) Jerrow’s Inletting Black (Gold is optional)	Brownells	457-001-050	\$8.00	Not available from Brownell's currently
(1) Custom Oil – spray finish in satin or	Brownells	209-101-014WB	\$14.00	choose one: 209-101-014 – satin or 209-100-014 – gloss
Custom Oil Finish - Gloss	Brownells	209-100-014		Not shown as available
(1) Custom oil – liquid form	Brownells	209-000-002	\$12.00	
(1) 3M rubber hand sanding block	Lowes		\$10.00	
5 sheets each – 3M Sandblaster or Klingspore wood sand paper	Lowes	9”x 11”size, 180, 220, 320, 400, 600 grits	\$7.00 pack	Lowes or the Woodworking Shop
5 sheets each – 3M or equivalent, Silicon Carbide wet/dry sand paper	Lowes	9”x 11” size, 180,240, 320, 400, 600 grit	\$9.00 pack	Lowes or the Woodworking Shop
Rifle Length Hard Case		Varies	\$25.00	
Dust Respirator (If needed)			\$25.00	
Modeling clay or Play-doh for bedding			\$5.00	
Sling swivel studs – 2 sets	Brownells	593-131-100WB	\$11.00	
(3) Recoil pads	Pachmyer or Kick eez		\$30.00	Determined by stock dimensions

Semi inletted Wood or Laminate Rifle Stock	Watts Walnut,	Depends on Rifle Model	\$150.00 & up	
Composite Rifle Stock Drop In Style	McMillan, Manners, HS Precision, Bell & Carlson	Depends on Rifle Model	\$200.00 & up	
Composite Rifle Stock Semi Inlet	Legendary Arms Works	Depends on Rifle Model	\$220.00	
Devcon Steel Bed 1lb	MSC	10110	\$82.41	
Acra Release agent (Kiwi Shoe Polish or floor wax is acceptable)	Varies / Brownells	081-028-000WB	\$32.99	
Grovtech Flush Cup for QC Swivels (Only if needed, ask instructor)	Brownells	100-005-661WB	\$19.99	
Air Dry Duracoat (if desired)	Brownells	Varies	\$19.99	Depends on color
Starrett 135A Level	MSC	58695891	\$36.15	
Starrett 134A Cross Test Level	MSC	86405719	\$63.41	
Palm handle carving set	Brownells	100-004-975AN	\$32.99	
Straight handle carving set	Brownells	100-004-976AN	\$39.99	
49 Cabinet rasp	Brownells	191-188-460AN	\$49.99	
50 Cabinet rasp	Brownells	191-188-610AN	\$69.99	
Large Jerry Fisher Scraper	Brownells	310-150-002AN	\$14.01	
Small Jerry Fisher Scraper	Brownells	310-150-001AN	\$14.01	
Octagon Jerry Fisher Scraper	Brownells	310-150-003AN	\$14.01	
8mm curved gouge	Brownells	541-000-001AN	\$50.99	
Gouge slip stone	Brownells	657-071-076AN	\$34.99	
8 oz Rawhide mallet	Brownells	100-003-751AN	\$32.99	
12 oz Rawhide mallet	Brownells	100-003-752AN	\$33.99	
L4 Plastic file handle	Brownells	016-406-002AN	\$12.99	
Adjustable file handle	Brownells	345-890-000AN	\$7.99	
Respirator Half Mask P95 Series 3M	MSC, Auto Parts Store	04489894	\$45.31	04489894 Large 04489886 Medium
Paint Gun for Cerakote and Polane T	Harbor Freight or Grizzly			
Squeeze clamps	Harbor Freight or Grizzly			

2nd year – Fall Semester GSM 231 Handgun Repair Technology

NOTE: Please consult with instructor prior to purchasing any 1911 parts, as not all parts will be suitable for class use.

2nd year – Spring Semester GSM 232 Custom Handgun Technology

NOTE: Please consult with instructor prior to purchasing any 1911 parts, as not all parts will be suitable for class use.

Night Hawk, Caspian, STI, or similar 1911 Slide/Frame Kit and Associated Parts	Store/online purchases		\$625.00- \$1200.00	
(This may be available as a group purchase through the MCC Gunsmithing Club)				
OR				
Springfield, Colt, or similar 1911 handgun and necessary gunsmith fit parts to achieve course objectives. (consult instructor before making these purchases)				
1911 Barrel Bushing Wrench	Brownells	080-045-045WB	\$7.00	
5mm Carbide Endmill	MSC	1216621	\$17.00	
3/16" Carbide Endmill	MSC	1982321	\$16.63	
3/8" Carbide Endmill	MSC	88250030	\$23.81	
1/4" Carbide Endmill	MSC	88250188	\$14.93	
Various carbide ball or other end mills as necessary for slide serrations etc.	MSC		Varies	
65 degree sight file	Brownells	080-648-265WB	\$28.00	
Front sight and/or base for revolver installation	Store/online/Brownells		varies	
OPTIONAL:				
1911 Barrel Locking Lug File	Brownells	080-751-000WB	\$63.99	
Slide/Frame Rail File	Brownells	080-753-000WB	\$65.00	
Replacement Match Barrel for S&W Barrel	Brownells etc.		Varies	
Can Seam Micrometer (consult instructor before ordering)	MSC	06235774	\$228.00	
Carbide dovetail cutters	Brownells	https://www.brownells.c	\$60-\$95	

Gauge block set	MSC	06450720	\$300.00	SPI Economy Set
Glock Handgun for customization			Varies	
Ruger revolver for customization				
Various other suitable handguns for customization (consult instructor regarding project suitability)				