

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	\$101.57	
Bondhus Allen Wrenches inch	MSC	05051586	\$27.53	
Bondhus Allen Wrenches metric	MSC	30574297	\$28.17	
Needle File Set	MSC	43589274	\$127.37	
8" Flat Pillar File, Grobet	MSC	60210424	\$38.25	
6" Mill File, Nicholson	MSC	80755127	\$13.28	
File Handles, 3 piece set, Nicholson	MSC	48654107	\$7.43	
6" Traingle File, Nicholson	MSC	80761141	\$8.99	
7 piece File Set, Simonds	MSC	85423929	\$152.25	
6" Round File, Nicholson	MSC	80758113	\$12.44	
8" Round File, Smooth Cut, Nicholson	MSC	80758238	\$17.10	
Dykem layout fluid (Blue)	MSC	00264044	\$14.82	
6" Dial calipers	MSC	84477736	\$125.00	Mitutoyo listed, can be substituted.
0-1" Outside Micrometer 0.0001 Graduations	MSC	06230197	\$145.00	Mitutoyo listed, can be substituted.
0-3" Starrett Depth Micrometer	MSC	86418340	\$361.53	Starrett 449AZ-3R

1" Range 0.001" Dial Indicator SPI	MSC	38000154	\$57.03	SPI (2 Suggested)
Parallel Set, 1/8" Thick 1/2 to 1-5/8 height, 6" long	MSC	06820898	\$122.73	Value Collection
Single End Edge Finder	MSC	03293420	\$12.30	SPI Listed
Thread Pitch Gauge Inch 4 to 48 TPI Range	MSC	06489512	\$28.88	
Thread Pitch Gauge Metric, .25 to 2.5mm Range	MSC	01221019	\$19.19	
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	\$131.60	Value Collection
Interstate 115 Piece Index Drill Bit Set, 1/16 - 1/2 by 64ths, A-Z, 1-60	MSC	01186709	\$165.37	
KEO 5 Piece Center Drill Set	MSC	1031558	\$67.24	
(3) 3/8" HSS Tool Bits (Blanks To Grind)	MSC	2603249	\$6.93	You will need 3
(3) 1/2" HSS Tool Bits (Blanks To Grind)	MSC	02603322	\$13.54	You will need 3
End mill 20 Piece Set	MSC	92000439	\$264.72	Interstate Brand
Lathe center gauge	MSC	81885840	\$8.61	SPI Listed
Feeler Gauge Set, 26 Piece .00015"- .02500" thickness	MSC	06588305	\$14.05	Value Collection
2 Piece Noga Deburring Tool, S10 Blades	MSC	67294512	\$5.53	
X-acto knife	MSC	6530901	\$4.13	
Knife blades	MSC	6531040	\$2.51	
Welding Gloves	MSC	6528160	\$16.61	Cowhide, Cotton Lined Welding Gloves
4 piece Plier set	MSC	09682931	\$50.68	Stanley Brand
Stainless Steel Brush, 1-1/2x1/2 inch	MSC	09301714	2.29 EA	Sold in packs of 4
Mitutoyo 513-403 .0001" Test Indicator	MSC	62496849	\$174.00	1 needed, 2 suggested
Noga Indicator Base, 60mmx50mm	MSC	74100975	\$166.79	2 needed
12" Hacksaw Frame	MSC	87656062	\$13.44	Stanley Brand
Bi Metal Hacksaw Blades 32 tpi	MSC	04535662	\$2.53	Stanley Brand
Ballpeen hammer – 16oz	MSC	40973562	\$19.78	

Safety glasses	MSC	93885069	\$2.76	
Metal scribe – carbide tipped	MSC	6945596	\$6.23	Moody Tools Brand, can be substituted
10" Adjustable Wrench, 1-5/16 Opening	MSC	79322038	\$20.11	
Set of pad locks for lockers	MSC	67845909	\$11.84	You will need 2 locks
(2) Bearings, 12mm Bore, 32mm OD	MSC	35434364	\$10.83	You will need 2 bearings
Tap Handle	MSC	06990139	\$47.20	This is a 2 piece set
Tap Guide	MSC	44360568	\$48.89	#0 to 5/8 Tap Sizes
Dremel Tool Kit	MSC	81160418	\$103.78	
Dial Drop Indicator, 0.001" Graduations	MSC	76422369	\$105.27	SPI Listed
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	
Accupro LH Carbide Boring Bar	MSC	76419126	\$30.34	2 needed
Accupro RH Carbide Boring Bar	MSC	05252895	\$30.35	2 needed
Hertel .300" Boring Bar	MSC	82553603	\$234.89	1 needed
Inserts for Hertel .300" Boring Bar	MSC	74160870	\$23.65	5 needed

9/64" Carbide Endmill	MSC	09653445	\$18.33	2 Needed
1-2" Mitutoyo Outside Micrometer	MSC	06231674	142.00	(Suggested but not required)
Rifle barrels for projects – 3 Required				
(3) Rifles Barrel Blanks Note: Your Instructor Will Advise	Shilen, Bartlien, Brux, Krieger, Lilja, Hart, Douglas barrels		\$175.00- 365.00	See list for information
Rifle actions for projects – 3 Required				
(1) Weatherby Vanguard Action	Weatherby thru MCC	Varies	\$250.00	
(1) Remington 700 action (NOTE: The student must have at least one 700 action)		Varies	\$375.00 and up	
(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	\$250.00- 551.00	
(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.talleyman.com	\$45.00	Receiver Model Specific
GTR Range Rod (Ask instructor)	Gre-Tan		\$33.00	Bore Specific
Gage Pins (Ask instructor)	MSC			Bore Specific

1st year – Spring Semester GSM 127 General Repair

Stanley 6 Piece Screw Driver Set	MSC	77409258	\$9.17	
Irwin 0-1/2" Tap Handle 9 1/4" Length	MSC	93285047	\$17.47	
Magnifier 3.5-4	MSC	00315192	\$75.74	
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	
12" Rifle Dovetail Slot Blank	Brownells	080-770-375WB	\$15.75	1 12" piece needed
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		\$35.00	Depends on cartridge
100 each –Rifle, pistol & shotgun primers	Reloading supplies		\$7.50	Depends on cartridge
Flat Spring Stock	MCC			See Instructor

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				
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 Gold	4D Reamer Rentals	https://4drentals.com/p	\$14.95	
(1) Jerrow’s Inletting Black	4D Reamer Rentals	https://4drentals.com/p	\$14.85	
(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	
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
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	
Test fire ammunition 40 rds per caliber	Brownells/Local		\$150.00	
8-40 Scope base screws 8ea	Brownells		\$20.00	
Rifle scope. Minimum 1 scope for three rifles. Average quality 3x9 power, 50mm objective lens	Brownells/Midway USA		\$200.00 and up	
Action guide screws for each barreled action 3 sets, various thread	GSM 120/Brownells		\$50.00	
Paint Gun for Cerakote and Polane T	Harbor Freight or Grizzly			
Respirator Half Mask P95 Series 3M	MSC	04489894	\$45.31	04489894 Large 04489886 Medium
Dust Respirator 20 Pack	MSC	06528672	\$10.05	
Devcon Steel Bed 1lb	MSC	00260059	\$80.87	
Starrett 135A Level	MSC	58695891	\$36.15	
Starrett 134A Cross Test Level	MSC	86405719	\$63.41	
Line Chalk	MSC	40987323	\$2.92	
Squeeze Clamps	MSC	50516079	20.25	

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.

6" barrette file	Brownells	191-350-730WB	\$32.00	
8" American pattern 2 cut file	Brownells	191-058-860WB	\$14.00	
S & W hand window file	Brownells	080-754-000WB	\$32.00	
S&W Double Action Sear	Brownells/Numrich		\$12.00	
Magnetic Pin Starter	Brownells	080-242-057WB	\$15.00	
JCL magnetic vise jaws	Amazon	https://www.amazon.com	\$15.00	
Hemostat or tweezers	Store/online purchase		varies	
Needle Nose Pliers	Store/online purchase		varies	
Parallel Jaw pliers	Brownells	348-181-105WB	\$43.99	
S&W L, L or N frame revolver	Store/online purchases		\$300.00	\$300.00 and Up
1911 Barrel Bushing Wrench	Brownells	080-045-045WB	\$7.00	
Glock front sight removal tool	Brownells	100-700-117WB	\$41.00	

Dremel Cratex Wheels and Mandrels	Brownells	190-025-083WB	\$22.99	
EZ Lap Diamond	MSC	5125224	\$18.69	
EDM Stone	MSC	5094321	\$4.00	
Cup Tip Punch 6	Brownells	080-620-006WB	\$18.00	
Cup Tip Punch 3	Brownells	080-620-003WB	\$18.00	
Wolff 14lb Rebound Spring for S & W Revolver	Wolff	16663	\$3.49	
S & W Rebound Spring Removal Tool	Brownells	080-666-000WB	\$19.99	
OPTIONAL:				
Replacement Match Barrel for S&W Rev.	Brownells		Varies	
Grobet Swiss 1 Cut Hand File	MSC	60205317	\$29.28	
Kuhnhausen S & W Manual – optional	Amazon	https://www.amazon.co	\$35.00	
Kuhnhausen Ruger Manual – optional	Amazon	https://www.amazon.co	\$44.00	
2nd year Fall Semester GSM 227 Advanced Repair				
Item	Suggested Vendor	Product	Est. List Prices	Notes
The individual student is responsible for supplying all needed firearms for the Advanced Repair class.				
Note: Tools that were purchased/required from previous semesters will be used in this class.				
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				

