

Gunsmithing Tool List

Suppliers

Brownell's ...1-641-623-5401
Satco...1-800-328-4644

Jack First...1-605-343-9544
Oxygen Supply 1-800-892-8561

Wood Workers Supply 1-800-645-9292
Northern Precision 1-800-988-7719

Estimated totals for program

Diploma: \$3,875.25

Certificate: \$1,061.52

Other items recommended: \$2,919.15

*** Some tools on the master list may also appear on the machine tool technology list, compare the two and do not purchase duplicates

Master Tool List

	Description	Supplier	MFG.	Order #	Approx. Cost
1	55/60 Degree center Gauge	MSC	Sweden	650-924-21	8.17
1	12" Adjustable Wrench	SATCO	Crescent	AT112	22.00
5	3/8" HSS Lathe Blanks	SATCO	Republic	700 series	2.05
1	#3 Center drill	SATCO	Satro	AV503	1.25
1	0-6" Vernier Caliper	SATCO	General	MG6001DC	34.25
1	0-1" Micrometer	SATCO	Starrett	T436XEL-1	69.75
1	6" Flexible Ruler	SATCO	General	CF616	4.25
1	8" Mill Bastard Cut File	SATCO	WAVILL	15018	1.70
1	Dykem Layout Fluid	Brownells		262-100-004	6.00
1	Scribe	SATCO	General	88cm	4.50
1	Protractor	SATCO	General	17	9.00
1	India Stone Combination	SATCO	Norton	85560	10.65
1	Allen Wrench Set	SATCO	Efelind	91	3.50
1	4" Divider	SATCO	General	450-4	10.45
1	#2 Drill and Tap Kit	Brownells		080-564-002	63.00
1	Compo Cast Hammer	SATCO	National	DBH150	11.50
1	3/4" Double Ended HSS, 2 Flute	SATCO	Republic	CR50C24	11.35
1	1/4" Double Ended HSS, 2 Flute	SATCO	Republic	CR50C8	3.85
1	1/8" Double Ended HSS, 2 Flute	SATCO	Republic	CR50C4	3.85
1	#2 File Handle	SATCO	Lutz	#2	1.15
1	Edge Finder	SATCO	SPV	98-321-3	8.75
1	Rotor Burr	SATCO	Vargus	B-set	6.25
1	Safety Glasses	SATCO	Sellstrom	70001	2.75
1	Kennedy Tool Box, # 526	SATCO	Kennedy	526-8	215.00
1	American Screw Pitch Gage	SATCO	General	252	15.85
1	Metric Screw Pitch Gage	SATCO	General	255mm	15.55
1	Bonanza Screwdriver Set	Brownells		319-120-000	31.00
1	Drive Pin Punch Set	SATCO	Starrett	S565PC	26.00
1	8" #4 Pillar Cut File	Brownells		191-399-590	21.00
1	8" #4 Extra Narrow Pillar Cut File	Brownells		360-312-161	22.00
2	#3 File Handles	SATCO	Lutz	#3	1.30
1	4oz. Ball Peen Hammer	SATCO	Marion	5204	6.00
1	Needle File Set	SATCO	Warrensville	40142	19.75
1	12" Lathe File	SATCO	Nicholson	07688	13.40

GSTP: 2233 Polishing and Bluing Theory

QTY	Description	Supplier	MFG.	Order #	Approx Cost
1	NRA Assembly Guide #3	Brownells		649-100-210	10.00
1	NRA Assembly Guide #4	Brownells		649-100-220	10.00
1	Brownell's Encyclopedia	Brownells		108-002-001	56.00
1	The Complete Metal Finishing Book	Brownells		423-100-004	26.00

GSTP 1229 Reloading and Ammunition Theory

QTY	Description	Supplier	MFG.	Order #	Approx Cost
1	Lyman Shot shell Handbook	Various	Various	N/A	N/A
1	P.O. Ackley Volumes I&II	Various	Various	N/A	N/A
1	Lyman Reloading Manual, 47 th Edition	Various	Various	N/A	N/A

GSTP 2259 Shotgunsmithing Theory

QTY	Description	Supplier	MFG.	Order #	Approx Cost
	Shotgun Gunsmithing, book	Brownells		251-191-600	12.00
	Firearms Assembly & Disassembly #5	Brownells		251-861-005	14.00

Pump and Self Loader Gun Theory

GSTP 1234

QTY	Description	Supplier	MFG.	Order #	Approx Cost
	Firearms Assembly & Disassembly #5	Brownells		251-861-005	14.00
	Jack First Catalogs, Vol. I&II	Jack First		N/A	35.00

Hinge and Lever Theory

GSTP 1219

QTY	Description	Supplier	MFG.	Order #	Approx Cost
1	Firearms Assembly And Disassembly #3	Brownells		649-100-210	10.00
1	Brownell's Encyclopedia	Brownells		108-002-001	56.00
1	Jack First Catalogs, Vol I & II	Jack First		N/A	35.00

Bolt Action Theory

GSTP 1245

QTY	Description	Supplier	MFG.	Order #	Approx Cost
1	Bolt Action Rifles, book	Brownells		924-400-098	29.95

Barrelling and Chambering Theory

GSTP 2255

QTY	Description	Supplier	MFG.	Order #	Approx Cost
1	The Mauser Bolt Action Rifle, By Kuhnhausen	Brownells		924-400-098	29.95

2 Piece Stock Lab

GSTP 2269

QTY	Description	Supplier	MFG.	Order #	Approx Cost
1	Butt Blank	Various	Various	n/a	100.00
1	Forend Black... see instructor	Various	Various	n/a	50.00
****	EACH ITEM ON THE WOOD WORKING LIST				
1	Stockmaking Theory Book	Brownells		968-879-356	54.00

Handgun Theory

GSTP 1210

QTY	Description	Supplier	MFG.	Order #	Approx Cost
1	The Colt .45 Automatic, a shop manual	Brownells		924-200-045	29.00
1	NRA Firearms Assembly Guide, #4	Brownells		649-100-220	29.00

1	The Smith & Wessen Revolver, a shop manual	Brownells		924-100-001	29.00
1	The Colt Revolver Volume I, a shop manual	Brownells		924-200-001	29.00

**Riflesmithing Theory
GSTP 2263**

<u>QTY</u>	<u>Description</u>	<u>Supplier</u>	<u>MFG.</u>	<u>Order #</u>	<u>Approx Cost</u>
1	Riflesmithing, Book	Brownells		251-281-600	12.00

**Stock making Theory
GSTP 1256**

<u>QTY</u>	<u>Description</u>	<u>Supplier</u>	<u>MFG.</u>	<u>Order #</u>	<u>Approx Cost</u>
1	Professional Stock making ISBN # 1-879356-155	Brownells		968-879-356	54.00

**Metal Fusion Lab
GSTP 1205**

<u>QTY</u>	<u>Description</u>	<u>Supplier</u>	<u>MFG.</u>	<u>Order #</u>	<u>Approx Cost</u>
1	#5 Lens Goggles	Oxygen Service		g-200 #5	8.61
1	Tip Cleaner	Oxygen Service		STD	2.39
1	Work Gloves	Oxygen Service		5B	1.50
1	Striker	Oxygen Service		3001	13.98
1	Vise Grip	Oxygen Service		10R	15.24

**Wood Checking
GSTP 1246**

<u>QTY</u>	<u>Description</u>	<u>Supplier</u>	<u>MFG.</u>	<u>Order #</u>	<u>Approx Cost</u>
1	Checkering and Carving of Gunstocks, book	Brownells		825-003-000	39.95
1	60 degree bent file	Brownells		360-318-971	22.00
1	Jointer	Brownells		364-000-011	16.00
1	Checkering Set	Brownells		364-500-518	30.00

**1 Piece Stock
GSTP 2267**

<u>QTY</u>	<u>Description</u>	<u>Supplier</u>	<u>MFG.</u>	<u>Order #</u>	<u>Approx Cost</u>
1	Stock Blank (AND ALL ITEMS ON THE WOOD WORKING TOOL LIST)	Various		N/A	150.00

**Wood Working Tool List
Applies to GSTP: 2267, 2269**

<u>QTY</u>	<u>Description</u>	<u>Supplier</u>	<u>MFG.</u>	<u>Order #</u>	<u>Approx Cost</u>
1	Stock Blank...see instructor	Various	Various	Various	Various
1	6" Round Bastard Cut File	SATCO	Warrensville	16014	1.75
1	4" Round Bastard Cut File	SATCO	Warrensville	13010	4.74
1	10" Half Round, Bastard Cut File	SATCO	Warrensville	16010	2.62
1	10" Round, Bastard Cut File	SATCO	Lutz	#1,#2,#3	10.80
8	File Handles to fit said files	SATCO	Lutz	1,2,or 3	1.80 ea.
1	Stone Set	Brownells		080-576-000	70.00
1	Stock maker's starter set	Brownells		080-761-000	260.00

**Machine Tool Technology
Tool List...Required**

Qty	Description	Supplier	MFG.	Order #	Approx Cost
1	Safety glasses	SATCO	Sellstrom	70001	2.75
1	6" flex ruler	SATCO	General	CF616	4.25
1	Steel protractor	SATCO	General	17	9.00
1	Dial caliper	SATCO	Starrett	120A-6"	95.00
1	Mighty Mag w/1" Travel Ind	SATCO	SPI	98-279-3	19.95
1	Universal Indicator Set	Northern Precision		NB65-30178P	138.15
1	0-3" Outside Micrometer Set	SATCO	Starrett	ST436AXFL7	336.00
1	0-3" Depth Micrometer Set	SATCO	Starrett	449A-3r	142.50
1	Deburring tools	SATCO	Vargus	b-set	6.25
1	5 pc. Drill & Countersink Set #s 1-5	SATCO	Republic	585P	16.50
5	3/8" or 1/2" HSS Turning Tool Blanks	SATCO	Republic	700 series	2.05
2	1/2" Brazed turning tool (right hand)	SATCO	Republic	AR8	2.95
2	3/8" Brazed turning tool (right hand)	SATCO	Republic	AR6	2.65
1 each	1/4", 3/8", 1/2", and 3/4" end mills	SATCO	Republic	CR50 series	23.40
1	22 pc. Inch/Metric Hex Key Set	SATCO	Efelind	10022	9.95
1	Single end Edgfinder	SATCO	SPI	98-321-3	8.75
1	Thread Center Gage	SATCO	General	CF778	6.50
1	10" Adjustable Wrench	SATCO	Cresant	AT110	14.40
1	Combination Square Set	SATCO	Starrett	C434-12-4R	148.00
1	Carbide Point Scriber	SATCO	General	88CM	4.50
1	Brush & dustpan	SATCO	Varies	N/A	7.00
1	1" paint brush	SATCO	Liuzer	P10	.30
1	Spray Bottle	SATCO	Twin BT	6000125	1.20
1	4oz. Dykem		Brownells	262-100-004	5.70
1	Thread Wires	SATCO	SPI	98-370-0	20.00
1	Set of thin parallel bars	Northern Precision		NM51-TPP	9.90
1	Screwdrivers	SATCO	Stanley	66-166	4.30
1	Pliers	SATCO	Great Lock	SJ8	2.90
1	File With Handle	SATCO	Wavill	15018	2.85
1	Tool Box With Lock	Varies	Varies	N/A	50.00

****Other Items Recommended, But Not Required****

Description	Supplier	MFG.	Order#	Approx Cost
1/2" Brazed turning tool	Northern Precision		GO40-AR8M	8.85
Brazed 60 degree included angle threading tool	Northern Precision		GE40-E8M	8.85
Drill point gage	SATCO	General	28	19.80
4-42 Screw Pitch Gage	SATCO	Starrett	#6	22.30
24 oz. Ball Peen Hammer	SATCO	Stanley	54-024	12.95
1/8", 10pr parallel set (economy)	SATCO	Import	P RTP10	39.00
Stanley 1.5" 10 oz dead blow hammer	SATCO	Stanley	S7-530	15.60
Radius Gage Set	SATCO	Starrett	S167CH	86.50
10pc needle file Set With Case	SATCO	Warrensville	40142	19.75
6pc Telescoping Gage Set	SATCO	Import	PRTG506	13.00
Tap/Drill Set including 1/4"-20 Thru 1/2"-13 (case)	Northern Precision		ET50-99TDS	40.00
0-6" O.D. Micrometer set	SATCO	Starrett	ST436CXFL	800.00
0-6" Depth micrometer set	SATCO	Starrett	449A-6R	173.75
Screw thread mic 1"-2"	Northern Precision		NB64-219001	190.60

8" dial caliper	SATCO	Mitutoyo	505-627	116.00
0-3x0.0001 micrometer set	SATCO	Starrett	ST436AXFL	336.00
Tin Coated end mill set	Northern Precision		DB50-G6TNS	42.20
Machinery Handbook W/ guide		Industrial Press	26 th ed.	72.50
153pc. drill set	SATCO	Republic	307X	135.00
55-60 degree center gage	SATCO	General	CF778	6.50
11 drawer machinist chest	SATCO	Kennedy	526-11	235.00
29" 7 drawer roller cabinet	SATCO	Kennedy	297	525.00

**Measuring Tools
MTTP 1208**

QTY	Description	Supplier	MFG.	Order #	Approx. Cost
1	Machine Tool Practices Text. ISBN 0130334472	PTC Book Store			93.00
1	Shop Reference Handbook ISBN 0831130792	PTC Book Store			25.00

**Barrel & Chambering Lab
GSTP 2257**

QTY	Description	Supplier	MFG.	Order #	Approx. Cost
3	3/8" Lathe Blanks	SATCO	Republic	700 series	2.05
1	1-2" micrometer	Various	Various		
1	0-1" depth micrometer	SATCO	Starrett	T436xel-1	69.75
1	rifle barrel, caliber of student's choice	Various	Various	N/A	150.00
1	rifle action, style of student's choice	Various	Various	N/A	200.00
1	The Mauser Rifle, By Jerry Kuhnhausen	Brownells		924-400-098	29.95

**Riflesmithing Lab
GSTP-2265**

QTY	Description	Supplier	MFG.	Order #	Approx. Cost
1	Wing Safety	Various	Various	N/A	14.00
1	Adjustable trigger	Various	Various	N/A	40.00
1	recoil pad	Various	Various	N/A	20.00
1	pr. sling swivels	Various	Various	N/A	10.00
1	muzzle brake	Various	Various	N/A	10.00
1	Bolt Handle	Brownells		095-001-001	10.00

**Metallurgy & Heat Treating
GSTP 1235**

QTY	Description	Supplier	Order#	Approx. Cost
1	Book Heat treatment selection & Application of tool Steels	PTC Book Store		37.00

(5)

