

# 2022-2023 courses for the **FIREARM ENTHUSIAST**

This hands-on program is designed for the firearm enthusiast who wants to explore maintenance, troubleshooting, and repair of commonly owned firearms. This program focuses on educating the person with a natural curiosity in basic gunsmithing or that “just wants to know a little more” in the firearm industry and would like to add a competitive edge to their knowledge base.

**Courses are • 8-weeks long • Credit based  
• Hybrid (in-person & online)**

## **GSTP1202**

### **Rifle Design & Theory**

Thursdays, 5-10 pm  
2 Saturdays, 8 am-4 pm  
8/23/22-10/18/22

## **GSTP1204**

### **Shotgun Design & Theory**

Thursdays, 5-10 pm  
2 Saturdays, 8 am-4 pm  
10/25/22-12/20/22

## **GSTP1240**

### **Semiautomatic Design & Theory**

Tuesdays, 5-10 pm  
2 Saturdays, 8 am-4 pm  
1/3/23-2/21/23

## **GSTP1250**

### **Handgun Design & Theory**

Tuesdays, 5-10 pm  
2 Saturdays, 8 am-4 pm  
2/28/23-4/25/23

## **GSTP2285\***

### **Pistolsmithing**

Tuesdays, 5-10 pm  
2 Saturdays, 8 am-4 pm  
5/23/23-7/25/23

## **GSTP2233\***

### **Firearm Finishes**

Thursdays, 5-10 pm  
3 Saturdays, 8 am-4 pm  
5/18/23-8/17/23



Pine Technical &  
Community College

A MEMBER OF MINNESOTA STATE

**For more information  
about enrollment**

Contact Stacy O'Rourke  
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320.629.5100 • MN Relay 711

\*Successful completion of prior  
coursework required for registration

# ARMOR'S CERTIFICATE TOOL LIST

## Rifle, Shotgun, Semiautomatic, and Handgun Design and Function classes

<u>DESCRIPTION</u>	<u>SUPPLIER</u>	<u>MFG PART #</u>	<u>EST COST</u>
Laptop Computer			\$800-\$1200
Safety Glasses/Safety Goggles with Z87 rating <i>(a couple pair is nice to have on hand; they will be worn most of the day)</i>			\$2-\$10
Screwdriver Set			\$60-\$100
Weaver 89 Piece Wheeler, 88 Piece Brownells Magna-Tip, Real Avid Smart Drive 90 <i>(Any one of these are fine)</i>			
Screwdriver, 12-inch	Brownells	Forster 6 X-L	\$7-\$15
Drive Pin Punch Set	Starrett S565 or Real Avid		\$30-\$80
Roll Pin Punch Set			\$30-\$80
Bench Block	Brownells	080-000-492	\$10-\$20
Soft Vise Jaws	Brownells or MSC 080-827-000 or 09208182		\$10-\$30
0-6" Dial Caliper (no plastic calipers)			\$30-\$100+
12" Adjustable Wrench			\$7-\$30
Socket set with extensions (metric and standard)			\$10-\$30
American Pattern File Set Nicholson		22030HNN	\$40
Needle File Set			\$5-\$30
Allen Wrench Set, SAE			\$10-\$20
Allen Wrench Set, metric			\$10-\$20
Torx wrench set			\$10-\$20
4 oz. Ball Peen Hammer			\$5-\$25
18-24 oz. Dead Blow Hammer			\$10-\$20
1/2" x 1/2" x6" India Stone, Medium Brownells Norton 657-246-146			\$10-\$15
1/2" x 1/2" x6" India Stone, Fine Brownells Norton 657-246-246			\$10-\$15
Magnetic Parts Tray			\$5-\$10
6" Pliers or any other common size is fine			\$10-\$20
6" Needle Nose Pliers or any other common size is fine			\$10-\$20
6" Vise Grip Type Pliers or any other common size is fine			\$10-\$20
Gun Cleaning Kit			\$20-\$50+
Metal Dental Picks			\$5-\$25

# Required Books

Available in the campus bookstore, online, or download formats

<b><u>GUN DIGEST SERIES:</u></b>	<b><u>AUTHOR:</u></b>	<b><u>ISBN#</u></b>
SHOTGUNS ASSEMBLY/DISASSEMBLY MURAMATSU, K \$25-\$35		ISBN 978-1440230714
CENTERFIRE RIFLES ASSEMBLY/DISASSEMBLY MURAMATSU, K \$25-\$35		ISBN 978-1440235443
RIMFIRE RIFLES ASSEMBLY/DISASSEMBLY MURAMATSU, K \$25-\$35		ISBN 978-1440245848
AUTOMATIC PISTOLS ASSEMBLY/DISASSEMBLY MURAMATSU, K \$25-\$35		ISBN978-1440245008
REVOLVERS ASSEMBLY/DISASSEMBLY Muramatsu, K \$25-\$35		ISBN 978-1440214523
<b>VSP/A SHOP MANUAL SERIES:</b>		
THE MAUSER M91-M98 BOLT ACTIONS KUHNHAUSEN, J \$40-\$50		ISBN 978-9993964001
THE COLT 45 AUTOMATIC KUHNHAUSEN, J \$40-\$50		ASIN# B010VXI7BY
THE REMINGTON M870-M1100/M11-87 SHOTGUNS KUHNHAUSEN, J \$40-\$50		ASIN#B001TNY9QS
THE S&W REVOLVER KUHNHAUSEN, J \$40-\$50		ASIN# B00QSFM5VI
THE RUGER SINGLE ACTION REVOLVER KUHNHAUSEN, J \$40-\$50		ASIN# B000KMTGDA
THE COLT DOUBLE ACTION REVOLVERS KUHNHAUSEN, J \$40-\$50		ASIN# B000IXMGDS
THE U.S. .30 CALIBER GAS OPERATED SERVICE RIFLES KUHNHAUSEN, J \$40-\$50		ASIN# B0006F5XOW

## Pistolsmithing and Firearm Finishes classes

All tools and handgun related books listed above

Pistolsmithing students are required to supply a 1911 style handgun that will be modified and customized for increased performance, students must also supply any aftermarket accessories such as controls, sights, grips, etc. This pistol is a good candidate for refinishing.

Firearm Finishes students are required to supply at least 2 firearms for refinishing, including bluing and a spray on finish.

### Firearm Finishes supplies

Sandpaper for wood and metal -at least 5 sheets each of 120,220, 320, 400, 600 grits	\$25+
Cold Blue Solution	\$10-\$40
0000 Steel Wool	\$10-\$20
Scotch-Brite pads	\$2-\$20
Spray on firearm finish- minimum of 4oz Duracoat, Cerakote, or KG Gunkote	\$20+
Hydrodip film, base coat, activator, and clear coat- minimum of 1 yard of film	\$50+

**This is not an exclusive list of suppliers, manufacturers, or part numbers, these are vendors that we have relationships with. Also check online; Amazon, eBay, Google, and local second-hand stores or pawn shops, many similar tools will work. Check for student discounts and compare products, part numbers subject to change at any time. These are estimated costs due to ever changing markets and pricing. Students may encounter other expenses not covered on this list such as optics or other aftermarket accessories they wish to install.**

**SUPPLIERS**

Brownell's 1-800-741-0085 [www.brownells.com](http://www.brownells.com)

Jack First 1-605-343-9544 [www.jack-first-gun-parts.myshopify.com](http://www.jack-first-gun-parts.myshopify.com)

MidwayUSA 1-800-243-3220 [www.midwayusa.com](http://www.midwayusa.com)

Real Avid [www.realavid.com](http://www.realavid.com)

MSC Industrial Direct 1-800-645-7270 [www.mscdirect.com](http://www.mscdirect.com)

Oxygen Service Co 1-800-774-1336 [www.oxygenservicecompany.com](http://www.oxygenservicecompany.com)

Wood Workers Supply 1-800-645-9292 [www.woodworker.com](http://www.woodworker.com)

Track of the Wolf 1-763-633-2500 [www.trackofthewolf.com](http://www.trackofthewolf.com)

Fastenal 1-877-507-7555 [www.fastenal.com](http://www.fastenal.com)