

# **Introduction to Gunsmithing**

**July 7-11, 2025**

**\$400 or 2 credit hours**

This course is an open lab design that allows students to bring their own projects to learn the basics of gunsmithing on. The course will cover operational theory, disassembly and assembly, proper use of hand tools and precision measuring instruments, and an introduction to basic bench work of the Gunsmithing trade. Consideration will be given to minor gun repair and the installation of firearm accessories. Students should bring some basic project to work on during lab times under the supervision of the instructor. If a student desires to learn a skill that they do not have a project for, they may contact the instructor and the school may be able to provide instructional aid. Any projects that require major machining will require the student to first take a basic and advanced machine course through TSC.

**Instructor: Ryan Newport**

## **Tool List**

(Please keep in mind that the tools suggested for each class are the minimum tools you should bring. Please feel free to bring any additional tools you feel you may need)

Safety Glasses - OSHA Approved

Screwdrivers - miscellaneous assortment designed to fit gun screws

Small Hammer - 4oz brass or metal

Small pin punches

Metal files - assortment of small and medium metal cutting

File Handles - one to fit each file

Hand Grinder - (suggested but not mandatory)

Cutters for hand grinders - misc. assortment of metal and stones

Dial Caliper - 6"

Steel 6" Rule

3" wide Vise Jaws to protect work - (1/4" plywood lined with cork will do) File

Card

Needle Files

Dental Pick

Pliers w/side Cutters

Small tap handle

Hacksaw with medium blade –

Note: any of the above tools can be substituted with a like tool from home. The thing about most gun work is you don't know you will need it until you need it, so you may choose bring extra tools you find handy. All tools listed can be purchased through Brownells, [www.brownells.com](http://www.brownells.com) or their Tech Support: 800-741-0015