

GSS 83 GENERAL GUNSMITHING ADVANCED

An advanced course in general gunsmithing problems and techniques including drilling and tapping for sights, spring making and silver soldering.

FIREARMS-

Remington 700 or Winchester 70 or Mauser type or Ruger 10-22

Any gun that needs a part fabricated that you think you can make. Keep it simple; an extractor or firing pin or a flat spring are some of the parts that can be fabricated. Bring the necessary steel (mild or heat treatable) in a size/shape that is usable for the part you are wishing to make.

Any gun you want to mount sights or scope on. You will need the correct bases, rings and scope if you are installing iron sights you need to bring the ones you will install.

TOOLS-

- Tap handle
- WD-40, small can
- Hacksaw with blades
- 1 inch round stock 24 inches long for sight installation if you don't have a gun to drill and tap
- Appropriate drills and taps for the sight screws you will be using (carbide drills for hard receivers such as the Savage 99 or Springfield 1903)
- Dust masks
- 10 mil tape, black plastic type
- 2 boxes Acra Gel – green box
- Exacto knife with extra blades or box cutter with extra blades
- TSP heavy duty cleanser
- Brushes to scrub stocks
- Needle files – assorted shapes
- Plastic hammer – half pound or rawhide mallet
- Gun cleaning kit
- Degreaser (denatured alcohol or mineral spirits)
- Loctite – blue
- Pipe cleaners
- Sand paper 120, 240, 320, and 400 grit
- Soft pads for vise jaws
- Shop rags
- Bench pad
- Johnson's paste type floor wax
- 2-4 oz. ballpeen hammer
- Dial caliper, 0-6 inch

- Pin punch set
- Needle nose pliers
- Screwdrivers (minimum of 6 high quality such as Stanley 100 or Craftsman)
- Safety Glasses
- 2 Padlocks
- Bench Block
- Small Paint Brush
- Gun cleaning materials
- 6" flat bastard file with handle
- 8" mill smooth file with handle
- 6" or 8" three corner file with handle
- Honing stones, assorted shapes and sizes
- 6" steel rule
- Break-free or equivalent
- Cold blue
- Toothpicks
- Q-tips
- Any specific disassembly tools that may be needed for your firearms
- Dummy Ammunition for each firearm
- Dark sunglasses or welding goggles
- Lockable tool box for benchtop

OPTIONAL:

- Dremel or Foredom tool with attachments
- Optivisor or Bench Light