

GSS 112 MACHINE SHOP FOR GUNSMITHS

This 10 day course will take the student through basic metal working on lathes, mills and support machinery. Use of precision measuring instruments, specialized gunsmith tools and gauges are taught as part of this course. This course is a prerequisite for barreling classes. 2 UNITS

REQUIRED TOOLS:

- 0-6" Dial Caliper
- 6" metal rule
- 2-4 oz. ball peen hammer
- 1 can layout fluid (Dykem)
- 10" mill file, fine or second cut, WITH HANDLE
- Scribe
- Steel protractor (machinists, not combination)
- Hacksaw with blades
- 4 – 5/16" square HSS lathe tool bits
- #3 Center drill
- Thread pitch gauge
- Calculator
- Complete drill index (fractional, numerical and lettered)
- 60° center gauge
- Thread cutting oil
- Small paint brush
- Shop apron (optional)
- Small oil can
- Tap set to 1/2"
- Pliers or vise grips
- 6" or 8" adjustable wrench
- Assorted screwdrivers
- Small honing stone
- Complete set of open end wrenches to 1"
- Complete set of allen wrenches (SAE and Metric)
- Minimum of 5 shop rags
- 2 padlocks for lockers

IF YOU ARE EXPERIENCED OR HAVE TAKEN THIS COURSE PREVIOUSLY, YOU MAY CHOOSE TO COMPLETE PROJECTS OUTSIDE OF THE BASIC COURSE ONLY WITH INSTRUCTOR APPROVAL.