

GSS 117 GTAW WELDING FOR GUNSMITHS

This 10 day class will focus on the technical and practical aspects of the gas tungsten arc welding process as it pertains to gunsmithing repair. Courses will include welding ferrous materials and simulated gun parts. You will learn different joint designs for common gun parts repair as well as tool fabrication. It will also cover the beginning of metallurgy commonly found in firearms, and how to determine what steel you are working with, and which type of filler rod to use. Metal prep and heat treat will also be discussed. 1 unit

TOOL LIST

- Safety Glasses (ANZI Z87.1)
- Leather coat or heavy shirt
- 1/16" 2% Thoriated tungsten (red) (recommended)
- Welding helmet with #10 filter lens, or adjustable shade
- Leather Gloves (Tig)
- Stainless steel tooth brush
- Wire Cutters
- Needle nose pliers
- Dremmel with carbide burrs 1/8" – 3/16", any other gouging bits
- 1 or more 1/16" drill bit
- Pens and spiral notebook