**Bluing (core class for certificate)**

In this course we will mainly be covering hot salt blueing as it applies to the firearms industry. This course includes instruction and hands on training in metal preparation, hot bluing, niter bluing, and some alternative finishes such as Parkerizing and spray finishes. Students should supply their own firearms or parts to work on. The focus of this class is to learn quality metal finishing skills, not to blue a large volume of guns. It would be better to end your week with 3-4 exceptional quality projects, rather than 15-20 incomplete and lacking quality finishes.

**Ryan Newport** is an Alumni of Trinidad State Junior College. After graduation he spent 6 years working as a repair gunsmith on the high end line of Browning shotguns, since that time he has returned to TSJC as an instructor teaching Benchmetal, Firearms Conversions, Shotgunsmithing, Blueing, and several Machine Shop classes.

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**Recommended Tools and Materials List**

6” adjustable wrench  
Allen wrench set  
Aluminum oxide polishing cloth 180, 240, and 400 grits  
Assorted files with handles smaller sizes 6” or 8” may be most useful  
Bench block - we can make this from a hard rubber hockey punch.  
Dust mask  
Guns to blue  
Gunsmith screwdriver set.  
Hammer  
Long sleeve shirt and pants (Required)  
Needle nose pliers  
Pin punch set  
Safety glasses (Required)  
Scotch brite pads (green and gray)  

This list reflects minimum requirements. If you have other tools or supplies that maybe useful, bring them because you can never have enough tools.