

## **Introduction to Gunsmithing**

**\$400 or 2 credit hours**

This 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. A brief study of Federal Firearm Law and record keeping will be included. Students should bring some type of project to work on during lab times under the supervision of the instructor. Students may bring projects related to the scheduled topic outlines. For other projects, please contact the instructor.

**Ryan Newport** is an alumnus of Trinidad State College. After graduation he spent several years working as a repair gunsmith for Browning Arms on their high end line of shotguns and rifles. Ryan returned to TSC in 2011 as an Associate Professor of Gunsmithing teaching Bench Metal, Firearms Conversions, Firearms Metal Finishing, Alternative Metal Finishes, Shotgunsmiting, Custom Pistolsmithing, and Firearms Repair.

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*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 on campus at the Trek-Inn Bookstore or through Brownells, Inc. 200 South Front St., Montezuma, Iowa 50171  
Ordering/Tech Support:  
800-741-0015