

# 2014 Summer Gunsmithing Program



***Promoting Sportsmanship & Craftsmanship***  
NRA Approved Short-Term Summer Gunsmithing Program

**Five-day courses offered during  
the weeks of July 7, 14, 21 & 28**

- Non-Credit
- Quality Instruction
- Affordable
- Convenient

## July 7-11

### **1911 Handguns**

### **Mike Watkins, Brownells Technician**

Explore all aspects of building a 1911 pistol from a bare frame, slide and fitting of all components. Instruction will include how to machine the slide and frame as needed. Precision filing and fitting of parts are required skills in addition to machine shop skills for machining slides for sight installation and frames for ramped barrels. Prior working knowledge of lathe and mill operation and disassembly and assembly of a 1911 pistol are required.

### **Basic Lathe**

### **Harry Smith**

Learn the basic use of the lathe. Topics to be covered include: use of precision measuring tools; engine lathe parts and accessories; lathe safety and set up; free-hand grinding of common lathe cutting tools; speeds and feed rate; machining procedures; threading operations and polishing techniques. Develop basic lathe skills through the manufacturing of some common gunsmithing tools.

### **Smith and Wesson Revolvers Action Work**

### **Sam Hatfield**

This class will cover disassembly, reassembly, cycle of operations, timing, truing of action, headspace, barrel/cylinder gap, trigger jobs, safety and function checks. In short, everything you need to know about Smith and Wesson revolvers.

## July 14-18

### **Introduction to Checkering**

### **Lee Helgeland**

Learn from an American Custom Gunmakers Guild member the art of gunstock checkering. Tools, layout and patterns will be discussed in depth as you actually checker your own gunstock. The tips and tricks discussed can shave years off the learning curve of this artistic and functional part of stockmaking.

### **1911 Handguns AMU Accuracy Rebuild**

### **Sam Hatfield**

This class will cover re-fitting of existing frame and slide utilizing hand tools; welding and re-fitting of barrel using United States Army Marksmanship Unit "hard-fit" method; installation of new barrel bushing; and reliability work. Trigger jobs include installation of new sear, hammer and disconnecter. Note: This build method is for target competition level guns, not for carry or Law Enforcement purposes.

*(continued)*

## **Accurate Reloading for the Hunter**

**Dan Pedersen**

An important class for reloaders with all levels of experience. Learn the basics of reloading and quickly move on to more advanced techniques that enhance accuracy. The material shared in the class is strong on theory, practice, and includes computer driven research. Quickload Software will be utilized to research and develop loads. Learning the use of software will improve your understanding of internal as well as external ballistics. Range time will be included to test improved accuracy of your loads.

**July 21-25**

## **AR-15/AR-10 Armorer/Customization**

**Brandon Miller**

Become familiar with the AR-15/AR-10 firearm format. Instruction will include functioning, disassembly of main and sub groups and reassembly, troubleshooting and function testing tips, tool use and the installation of many aftermarket custom parts. Also covered will be some different cartridge offerings in the AR-15 format. The .308 AR and the different manufacturers and the compatibility between them will be discussed. Bring your own unloaded firearm as a whole firearm or in various stages of assembly for completion during the class. **POST Certified**

## **Precision Bedding for Hunting or Match Rifles**

**Fred Zeglin**

This five-day class will include the theory and practices of bedding modern bolt action, hunting, match, and tactical rifles. Complete demonstrations of bedding techniques, tools and components will be given in the class. Learn comparison of composite and wood stocks and methods to improve and enhance their performance. Bring your own barreled actions and pre-inletted stocks.

**July 28-August 1**

## **AR-15 Armorer/Customization**

**Dean Batchelder,  
Brownells Technician**

This course will familiarize you with the AR-15 firearm format. Instruction will include functioning, disassembly of main and subgroups, reassembly, troubleshooting and function testing tips, tool use and the installation of many aftermarket custom parts. Different cartridge offerings in the AR-15 format will be covered. The .308 AR and the different manufacturers and the compatibility between them will be discussed. Bring your own unloaded firearm assembled or disassembled for completion during the class.

***All classes meet Monday - Friday; 8 a.m. - 5 p.m.***

## Instructors

**Dean Batchelder** graduated from Colorado School of Trades in 1992 and had his own shop prior to coming to Brownells in the Gunsmith Tech Support department in 2001. Since 2005 he has been instructing “AR-15 Armorer and Customization” and “Alternate Finishes” classes at various Gunsmithing Schools as well as the NRA Summer Gunsmithing Program, on behalf of Brownells, Inc.

**Sam Hatfield**, certified NRA and Sig Academy Master Instructor, graduated from the Colorado School of Trades. He worked as head gunsmith at Green Mountain Guns in Lakewood, Colorado and served as a member of the United States Army Marksmanship Unit as a gunsmith. Sam now owns Hatfields Gunsmithing Inc. in Manassas, VA., where he offers finely crafted one-of-a-kind firearms to the civilian market.

**Lee Helgeland** is one of the premier stockmakers in the nation. He has spent 30 years perfecting his craft and is a member of the American Custom Gunmakers Guild. In addition to achieving a rare level of mastery in the stockmaking and metalsmithing industries, Lee and his works have been showcased in national magazines.

**Brandon Miller** specializes in long range precision rifles and 1911 pistols and has spent more than 20 years with AR-style weapon platforms, both as end user and armor. He was a gunsmithing instructor and the National Rifle Association Coordinator for Murray State College where he specialized in gunsmithing for his AA degree. Brandon spent several years in special operations both in the military and in police units serving as a tactical medic on a Dallas-area SWAT team.

**Dan Pedersen** was the in-house barrel maker for the late Fred Wells of Wells Sports Store for several years. He is a quiet, serious worker who is proud of his work and lets his customers and their targets speak for him. While working with Fred Wells, Dan made accurate barrels across the spectrum of caliber and use. Many of the barrels Dan made for Fred Wells went on guns for Royalty; all went on fine guns designed for supreme accuracy. Dan operates his own barrelmaking and gunmaking business in Prescott, AZ.

**Harry Smith** is a faculty member of Flathead Valley Community College. He teaches Manual Machine Technology, Mill and Lathe, Print Read for Machinists and Welders, and Welding Theory at FVCC.

**Mike Watkins** has been a Brownell's Technical Support for 16 years. He has been instructing NRA 1911 classes for seven years and building 1911's since 1975. Mike is a member of the American Pistolsmiths Guild 1991 and served as Past President and Secretary. Mike is on the Board of Directors for APG and was voted 1997 Pistolsmith of the Year, and received APG Presidents Award 2010 and 2013. He is an NRA Life Member.

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**Fred Zeglin** graduated from Lassen College Gunsmithing program in 1984. He has been building custom rifles for nearly 30 years and specializes in wildcat designs for his clients. Fred's knowledge of headspace and ballistics is extensive. Fred builds high-end custom rifles for a well known custom gun maker. He has taught NRA Gunsmithing courses for several schools. Fred has published two books and an instructional DVD in the Gunsmithing genre. He is experienced at sharing and teaching gunsmithing skills.

**A special thanks to Brownells for  
their support of our program!**

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## Visiting Northwest Montana

Stunning scenery and diverse recreational opportunities make Montana a great place to visit. Northwest Montana's Flathead Valley offers something for everyone. Kalispell is centrally located in the Flathead Valley settled amongst the Rocky Mountains and near Flathead Lake. No visit to Northwest Montana would be complete without a trip to Glacier National Park located just 30 minutes from Kalispell.

Getting to Northwest Montana is easy with Delta, Alaska, Allegiant, and United Airlines serving Glacier International Airport; or travel by Amtrak's scenic route arriving daily in Whitefish, located 15 miles north of Kalispell.

Flathead Valley has numerous lodging options and dining experiences available. While here, discover the taste of the Flathead by visiting our local wineries and brewing companies.

In addition to the natural beauty of the state, Montana is filled with wildlife diversity and is a sportsman's paradise. Many adventure-filled activities, such as fishing, hiking, golfing, boating, rafting, biking, horseback riding and more can be enjoyed.

Visitors will find a community rich in arts, entertainment, history and activities. Art galleries, theaters, museums and concerts provide a variety of entertainment and experiences. For more information:

Discover Kalispell  
Flathead Visitor's Bureau  
Kalispell Chamber

[www.discoverkalispell.com](http://www.discoverkalispell.com)  
[www.fcvb.org](http://www.fcvb.org)  
[www.kalispellchamber.com](http://www.kalispellchamber.com)



## **Registration, Payment and Cancellation Information**

### **Registration Information**

Class size is limited. Early registration is strongly recommended.

Payment is required at the time of registration.

- Call **(406) 756-3832** to register and pay for courses.
- Fax **(406) 756-3351** a completed registration form with payment information.
- Online **[www.fvcc.edu/continuing-education/gunsmithing-program.html](http://www.fvcc.edu/continuing-education/gunsmithing-program.html)**.
- Mail your completed registration form to:

Flathead Valley Community College  
Continuing Education Center  
777 Grandview Drive  
Kalispell, MT 59901

### **Cancellation and Refund Policy**

- If you are unable to attend, please call the FVCC Continuing Education Center (406) 756-3832 immediately to officially withdraw.
- To receive a full refund, notification **must be received two weeks prior to course start date. Fees will not be refunded after that time.**
- FVCC reserves the right to cancel courses due to low enrollments. You will be issued a full refund. Trip insurance is recommended.

### **Scholarships**

- NRA sponsored partial tuition scholarship applications are available. Visit our website for more information - [www.fvcc.edu/continuing-education/gunsmithing-program.html](http://www.fvcc.edu/continuing-education/gunsmithing-program.html).

### **General Information**

- If you are under the age of 18 you are not permitted to enroll in a gunsmithing course unless you attend with a registered parent or responsible adult.
- You must comply with campus policies and all local, state, and federal laws regarding firearms. You must be able to legally own and possess firearms in the United States.
- Required supplies and tools are the responsibility of the student.
- Financial aid and residency status do not apply to Continuing Education programs.

### **Special Provision for Firearms, Gunsmithing and Weaponry Courses**

Students enrolled in an approved college gunsmithing, firearms, or other weaponry course may, during the time of the course, carry a cased and unloaded firearm from the assigned parking area to the classroom assigned for that course and possess that firearm, uncased and **unloaded**, during the active period of instruction. The instructor will inspect all firearms prior to entering the classroom. No ammunition is allowed in the classroom or on campus.

**For technical questions regarding the courses, call (406) 756-3386 or email [fzeglin@fvcc.edu](mailto:fzeglin@fvcc.edu).**

## Gunsmithing Course Registration Form

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City State Zip: \_\_\_\_\_

Email: \_\_\_\_\_

Contact Phone: \_\_\_\_\_ Cell: \_\_\_\_\_

**Register for one class per week; classes meet Monday – Friday; 8 a.m. – 5 p.m.**

### **July 7-11**

- |  |       |
|--|-------|
| <input type="checkbox"/> 1911 Handguns – Mike Watkins, Brownells   | \$325 |
| <input type="checkbox"/> Basic Lathe – Harry Smith                 | \$325 |
| <input type="checkbox"/> Smith and Wesson Revolvers – Sam Hatfield | \$325 |

### **July 14-18**

- |  |       |
|--|-------|
| <input type="checkbox"/> Introduction to Checkering – Lee Helgeland        | \$325 |
| <input type="checkbox"/> 1911 Handguns AMU Accuracy Rebuild – Sam Hatfield | \$325 |
| <input type="checkbox"/> Accurate Reloading for the Hunter – Dan Pedersen  | \$325 |

### **July 21-25**

- |   |       |
|---|-------|
| <input type="checkbox"/> AR-15/AR-10 Armorer/Customization – Brandon Miller         | \$325 |
| <input type="checkbox"/> Precision Bedding for Hunting or Match Rifles– Fred Zeglin | \$325 |

### **July 28-August 1**

- |  |       |
|--|-------|
| <input type="checkbox"/> AR-15 Armorer/Customization- Dean Batchelder, Brownells | \$325 |
|--|-------|

**Total Course Fees**    \$ \_\_\_\_\_

Payment Method: Check # \_\_\_\_\_ Make your check payable to FVCC.

- Visa           
  MC           
  AMEX           
  Discover

Card #: \_\_\_\_\_ Exp Date: \_\_\_\_\_

Card Holder's Signature: \_\_\_\_\_

To register online go to

**[www.fvcc.edu/continuing-education/gunsmithing-program/registration-information.html](http://www.fvcc.edu/continuing-education/gunsmithing-program/registration-information.html)**



**Flathead Valley**  
Community College

777 Grandview Drive | Kalispell, MT 59901

[www.fvcc.edu](http://www.fvcc.edu)

Space is limited.  
Register today!