

Murray State College Gunsmithing and Armorer Schools

The following specially designed courses will have limited enrollment for each. Specific information on the courses will be sent upon receipt of registration form and fees. **FIREARMS, REQUIRED HAND TOOLS, AND SUPPLIES MUST BE PROVIDED BY THE STUDENT UNLESS OTHERWISE NOTED.**
***Law Enforcement Armorer School (All L.E.A.S. classes are CLEET approved.)**

Classes for the weeks of May 17-28, 2010

1. **BUILDING AND ACCURIZING THE 1911;** *Prerequisite: Prior gunsmithing or training.* This two-week course will cover building and accurizing the 1911 Colt and all the clones, fitting new frame and slide, slide tightening, fitting match barrel and bushing, link, safeties, trigger work and finishing a fine gun. Trouble shooting accurized pistols, lug engagement, barrel crowns are covered as well.
Instructor: Dean Arnold

Classes for the week of June 1-4, 2010

2. **BASIC MILL;** This four-day course will cover the basic use of the vertical milling machine. Topics to be covered include: parts and function of the vertical milling machine, milling machine accessories, types and selection of milling cutters, milling machine setup and alignment, basic mill operation, and use of the dividing head. The student will develop basic milling skills through the hands-on manufacture of some common gunsmithing tools.
Instructor: John Bohon
3. **DESIGN, FUNCTION AND REPAIR OF SHOTGUNS (Certificate & LEAS);** This four-day class will focus on design, function and repair as to factory service specifications, including the study of feeding, loading extraction, headspace, gas systems and basic repair and maintenance of all factory. Guns covered will be Remington 870, Remington 1100, Remington 11-87, Winchester 1200 & 1500, Mossberg 500, Mossberg 835, etc.
Instructor: Dean Arnold
4. **ACCURIZING THE AR RIFLE FOR COMPETITION (Certificate & LEAS);** This four-day course uses current methods and material to teach accurizing techniques used to produce a National Match AR rifle. Topics include bedding, sight work, barrel replacement, trigger work and other techniques applicable to producing a match winning rifle.
Instructor: Phil Arrington

Classes for the week of June 7-11, 2010

5. **ACCURIZING MI/MIA RIFLE FOR COMPETITION;** This five-day class will teach state of the art bedding techniques and metal work used in winning rifles today. Other accuracy work will include general reliability and function modifications, as well as trigger work.
Instructor: Phil Arrington
6. **BASIC LATHE OPERATION FOR THE GUNSMITH;** This five-day course will cover the basic use of the engine lathe. Topics to be covered include: use of precision measuring tools, engine lathe parts and accessories, lathe safety, free-hand grinding of common lathe cutting tools, speeds and feed rate, lathe setup and machining procedures, threading operations and polishing techniques. The student will develop basic lathe skills through the manufacture of some common gunsmithing tools.
Instructor: John Bohon
7. **SPRING PISTON AIRGUNS;** This five-day course will present an overview of airgun power plants focusing on the spring piston type. The initial inspection, special tools, disassembly, preparation for installation of the parts with tuning in mind and testing will be covered. Proper lubrication will also be covered. The special requirements of mounting a scope on an airgun will be explained.
Instructor: Randy Bimrose

Classes for the week of June 14-18, 2010

8. **RIFLE REBARRELING;** *Prerequisite: Basic Machine Shop or Equivalent Experience.* This five-day course will cover barrel fitting techniques which include: threading, chambering, headspacing, polishing and crowning of barrels for common types of bolt-actions receiver.
Instructor: John Bohon
9. **KNIFEMAKING;** Participants in this basic knifemaking course will make two styles of fixed blade knives. Full tang and hidden tang knives will be built using various hand tools, grinders and buffers. Topics to be covered include safety, blade and handle design, grinding, heat treating, fitting, soldering, polishing and sharpening.
Instructor: Jim Eriksen
10. **COLOR CASE HARDENING;** The object of this course is to acquaint the students with the color case hardening process. The differences of color case hardening modern actions as compared to antique actions will be discussed. Participants will receive hands-on training as they color case harden various parts and/or actions. Students will need to bring their own projects.
Instructor: Joe Beck



Classes for the week of June 21-25, 2010

11. **SMITH & WESSON REVOLVERS & OTHER DOUBLE ACTIONS (Certificate & LEAS):** This class will cover in great detail S & W revolvers as to factory service specification. Areas of instruction include ways to time the hand and cylinder stop, cylinder endshake, yoke alignment and endshake, making the gun shoot where it points, carry up and factory fitting and repair of all parts. We will also look at Ruger and Colt revolvers.
Instructor: Dean Arnold
12. **STOCKMAKING FOR RIFLES:** This five-day course will cover basic design, layout, inletting and shaping the semi-inletted stock, conventional bedding plus glass and pillar bedding, sanding, finishing and checkering. A Remington 700 will be used as a class sample.
Instructor: John Maxson
13. **ART OF METAL ENGRAVING (BEGINNING AND ADVANCED) 2 WEEK COURSE:** The two-week engraving symposium will give students maximum exposure to the world of gun, knife, jewelry, and other related engraving areas. Day classes will combine lecture demonstration with hand-on engraving. Most evening and weekend days will find the students back in the engraving classroom discussing and experimenting with techniques, making tools, watching engraving videos, or working on life projects brought from home. Other social activities such as cookouts, black-powder shoots and trips to the local fleas market have helped make this both a rewarding and enjoyable learning experience for all who have attended previous classes.
Instructor: Jesse Houser

Classes for the week of June 28-July 2, 2010

ART OF METAL ENGRAVING (BEGINNING AND ADVANCED) 2 WEEK COURSE: Continues this week.

14. **ENGLISH AND EUROPEAN DOUBLE SHOTGUNS:** This five-day course will cover identification, correct methods of disassembly and reassembly. You will learn to read and interpret proof marks, correctly adjust trigger pull, repair ejectors, make and fit new firing pins, springs and other parts. The bending of gunstocks will be covered as well as the measuring and fitting to the customer without a pattern stock.
Instructor: John F. "Jack" Rowe
15. **DOUBLE ACTION SEMI-AUTOMATIC PISTOLS:** This five-day course will cover the new generation of double action semi-auto pistols currently used by law enforcement. Guns to be covered include: Smith & Wesson M/P, SW 3rd generation, Glock, The XD, Sig Arms. Areas covered are feeding, extraction, ejection, repair, and maintenance.
Instructor: Tom Lumb

Class for the week of July 5-9, 2010

16. **SINGLE ACTION REVOLVERS:** This five-day course is for the hobbyist or gunsmith. Basic tuning theory, trouble shooting, simple custom modifications and related metal working techniques will be demonstrated and performed. Geared to popular Ruger single action revolvers but Colt and others welcome. Some alterations for cowboy shoots will be discussed.
Instructor: Hamilton Bowen

Instructors:

Phil Arrington - Owner and operator of Arrington Accuracy Works in Phoenix, AZ. Recognized nationally for rifle accuracy work on all types of National Match firearms, and their top ranking in National and Regional competitions.

Dean Arnold - Gunsmithing instructor at Murray State College and L.E.A.S. instructor. Dean owned and operated a gunsmithing business for twenty-three years and is certified as an armorer by many firearm companies. Member of the American Pistolsmith Guild.

Joe Beck - Instructor for the Engineering/Gunsmithing Technology department at Murray State College. He has been doing & teaching color casing parts and guns for seven years and teaches a course for the two-year gunsmithing students on a regular basis. He is also a graduate of the MSC Gunsmithing Department.

Randy Bimrose - Retired US Marine Corps match armorer, former Senior Gunsmith at Beeman Precision Airguns and now owner/operator of Bimrose Precision Airgun Repair. Life member of the NRA and CRPA (Calif. Rifle and Pistol Assoc.).

John Bohon - Gunsmithing instructor at Murray State College. He is an experienced custom rifle and pistolsmith, stockmaker, and machinist.

Hamilton Bowen - Founder of Bowen Classic Arms Corporation, a firm nationally recognized for its sophisticated custom revolver work. Bowen and his company specialize in caliber conversions, particularly in fabricating and fitting five and six shot cylinders to Ruger single and double action revolvers. Bowen is past president of the American Pistolsmiths Guild and a winner of the Guild's Pistolsmith of the Year Award.

James Eriksen - Owner of Viking Knives and a member of the American Knifemakers Guild. Internationally known, Mr. Eriksen exhibits annually in Paris, France and Brussels, in addition to a busy domestic convention schedule which includes the Knifemakers Guild, the S.H.O.T., and the Safari Club International shows.

Jesse Houser - Instructor at Montgomery Community College in Troy, NC. He began his career as an engraver in 1972, and has worked with some of the best engravers in the world. His mastery of the various metal engraving mediums is enhanced by his versatility as a craftsman.

Thomas F. Lumb - Has over 27 years as a Law Enforcement Officer and has an AS in Criminology from Southern Main Technical College and an AAS in Gunsmithing from Murray State College. Tom has attended major manufacturers armorers schools and operates his own Gunsmithing business. He has been a Police Firearms Instructor, NRA certified Pistol Instructor, Range Safety Officer and IDPA Range Safety Officer.

John Maxson - NRA Life Member and one of seven original founding members of the American Custom Gunmakers Guild. He has served the Guild as Secretary, Board of Directors, Newsletter Editor and President of the Education Foundation. He has 52 years experience in stockmaking and checkering.

John (Jack) F. Rowe - Apprenticed with S. Wright & Sons in Birmingham, England, 1946-51. Gunmaker for Thomas Turner & Sons in Berkshire, England, 1963-65. Started his own business as gunmaker in Bracknell, England, 1965-1982. In 1982 he moved to the United States and is nationally known as an authority on English and European guns.

REGISTRATION AND FEES INFORMATION

NRA Gunsmithing and Law Enforcement Armorer School registrants will be accepted on a first come, first served basis.

1. Enrollment and fees must be received four weeks prior to the first day of class for each course, unless other arrangements have been made.
2. 75% refunds of registration fees will be granted on cancellations received up to four weeks in advance of the first day of the class. After that time, fees will not be refunded.
3. Classes that are canceled due to low enrollments will be refunded 100%.

For additional information contact:

**Dean Arnold, NRA Coordinator, (580) 371-2371, ext. 235
darnold@mscok.edu**

Murray State College, in compliance with Titles VI & VII of the Civil Rights Act of 1964, Executive Order 11246 as amended, Title IX of the Education Amendments of 1972, Americans with Disabilities Act of 1990, and other Federal laws and regulations, does not discriminate on the basis of race, color, national origin, sex, age, religion, handicap, or status as a veteran in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, student financial aid, and educational services.

<u>Circle the Course of Choice</u>	<u>Date</u>	<u>Fee</u>
1. Building & Accurizing the 1911 (2 weeks)	May 17-28	\$500
2. Basic Mill	June 1-4	\$250
3. DFR of Shotguns (Cert. & LEAS)	June 1-4	\$250
4. Accurizing the AR Rifle (Cert. & LEAS)	June 1-4	\$250
5. Accurizing MI/MIA Rifle	June 7-11	\$250
6. Basic Lathe Operation	June 7-11	\$250
7. Spring Piston Airguns	June 7-11	\$250
8. Rifle Rebarreling	June 14-18	\$250
9. Knifemaking	June 14-18	\$250
10. Color Case Hardening	June 14-18	\$250
11. Smith & Wesson Revolvers (Cert. & LEAS)	June 21-25	\$250
12. Stockmaking for Rifles	June 21-25	\$250
13. Metal Engraving (2 Weeks)	Jun 21-Jly 2	\$500
14. English & European Shotguns	Jun 28-Jly 2	\$250
15. Double Action Semi-Auto Pistols	Jun 28-Jly 2	\$250
16. Single Action Revolvers	July 5-9	\$250

Total Classes \$ _____
Total Room & Board \$ _____
Total Amount Enclosed/Charged \$ _____
Make checks payable to: MSC/NRA Summer Program

Credit Card Billing:
Name: _____
Billing Address: _____

Credit Card Type: _____
Credit Card #: _____
Exp. _____ **3 Digit Security Code:** _____

2010 Summer NRA Registration Form

SCHOOL REGISTRATION: Circle the course(s) you are registering for, enter the appropriate amount for classes and total amount, detach and return with payment to the address below. A student may sign up for only one school in any one week period. If you are staying in Campus Housing, include those fees in your total.

Mail Completed registration form and fees to:
NRA Gunsmithing Schools
Murray State College
One Murray Campus
Tishomingo, OK 73460

Please Type or Print:
Name: _____
Address: _____
Contact Number: _____
Alternate Number: _____
Email: _____

_____ **I want to reserve campus housing, room only.**
_____ days @ \$35/day = \$ _____.

_____ **I want to reserve campus housing, room & board.**
_____ days @ \$50/day = \$ _____.

For additional information contact:
Dean Arnold, NRA Coordinator
580.371.2371, ext. 235 or darnold@mscok.edu

FRIENDS OF THE NRA FOUNDATION NRA GUNSMITHING AND ARMORER SCHOOLS SCHOLARSHIPS

A limited number of \$250 scholarships are available through the NRA Foundation for the NRA Gunsmithing and Armorer Schools. At Murray State College this money can be use to cover registration fees, room and board, or for tools and supplies. If you wish to apply, please fill out the application below and return it with your completed registration form. Actual scholarship recipients will be selected at NRA Headquarters. Please feel free to call with questions. DEAN ARNOLD, NRA COORDINATOR, 580.371.2371, EXT. 235. EMAIL: darnold@mscok.edu

Name: _____
Address: _____
Day Phone: _____
Email: _____
SS#: _____ DOB: _____
NRA Member #: _____
Occupation: _____

On a separate sheet of paper please answer the following questions and attach it to the application.

1. Have you ever attended an NRA Gunsmithing or Armorer school before?
2. Are you currently working as a gunsmith and if so, in what capacity (are you a stock maker, an engraver, a custom rifle maker, a metal finisher, etc.)?
3. Are you a Law Enforcement or Correctional Armorer? If yes, how long have you been an armorer?
4. Are you an active competitive shooter? If so, what "games" do you participate in?
5. Please list a summary of education completed since high school.
6. In a short paragraph, please relate your interests in gunsmithing, goals you might have and explain briefly why you feel you should receive a scholarship.



SUMMER 2010
NRA GUNSMITHING & LAW ENFORCEMENT
ARMORER SCHOOL

Murray State
 College
 Non-Profit Org.
 Postage Paid
 Permit NO. 4
 Tishomingo, OK
 73460

National Rifle Association Gunsmithing & Law Enforcement Armorer School

Murray State College, in cooperation with the National Rifle Association, began offering gunsmithing and law enforcement armorer school in the summer of 1994. All the law enforcement armorer schools are CLEET approved. The school offerings include design, function and repair of revolvers, shotguns, rifles, and auto pistols; knife making; bluing; tig welding and engraving. The one-to-two week schools are scheduled in May thru July.

Housing and Meals

Local housing may be arranged through the Western Inn in Tishomingo. Reservations may be made by calling 580.371.2358. Mention you are attending the NRA school at MSC for special rate. There are beautiful camping areas in a twenty-mile radius of the College. There are also a large number of motels in a thirty-mile radius of Tishomingo. Cities and town within this area include: Madill, Kingston, Ardmore and Durant.

Campus housing will be available in the new apartment style dormitories. Each suite has four single-occupancy bedrooms, 2 bathrooms and a small common area. Microwaves and refrigerators are in each room. Indicate on the registration form if you want to reserve campus housing. Please enclose payment with your registration. Room only—\$35 per day. Room & Board—\$50 per day. PLEASE CHECK THE MSC WEBSITE FOR THE MOST CURRENT INFORMATION.
www.mscol.edu

Murray State College

Murray State College (MSC) is a public, comprehensive two-year college established as a junior college in 1924. A highly qualified faculty provided the instruction for meeting the requirements of the academic and technical/occupational programs.

MSC is located on the south edge of Tishomingo which is a fisherman's paradise, surrounded by fresh running rivers, creeks and streams well stocked with catfish, bass and crappie. Also nearby is Lake Texoma, one of the largest man-made lakes in the world, where striped fishing has become a favorite pastime along with camping and water sports. Wildlife in the area is abundant with huge flocks of migratory Canadian geese and duck stopping over each season at the Tishomingo National Wildlife Refuge, located just south of the college. Tishomingo is about 100 miles north of the Dallas/Fort Worth area of Texas and 100 miles south of Oklahoma City.

Murray State College Gunsmithing Program

The two-year gunsmithing program provides training in custom gunsmithing and gun repair, and develops the basic knowledge and skills needed to become a professional gunsmith. The program requires completion of course work in firearms design and function, stockmaking, bench metal work, machine metal work, gun bluing and metal finishing, advanced gunsmithing, and conversion and repairing of firearms to qualify for an Associate of Applied Science degree and/or the Certificate in Gunsmithing.

NRA Gunsmithing & Law Enforcement
 Armorer School
 Murray State College
 One Murray Campus
 Tishomingo, OK 73460



Murray State College Provides opportunities to maximize student learning with personal growth.