



*Since 1946*

**MODERN  
GUN**

**S C H O O L**

PRECISION • PERFORMANCE • QUALITY • CRAFTSMANSHIP

**Advanced Gunsmithing Course**

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**Basic Gun Repair Course**



## Directors Message

First of all, congratulations on taking the next step towards becoming a gunsmith. You have made a wise decision! Now that you're here, I'd like to take a couple minutes to tell you why I think Modern Gun School has the finest at-home study programs.

Why Modern Gun School? We are leaders in the Gun Repair training field. Our courses are interesting, challenging and fun. And we've been in this business since 1946; training individuals just like you for over 65 years, serving tens of thousands of students.

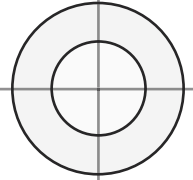
At Modern Gun School, we want you to succeed. We begin with the basics and move on to the more advanced techniques. You work on your studies at a pace that suits you, so there is never any pressure. Whether you are an "old hand" at gun repair or a beginner, our unique training materials and access to our remarkable staff will provide the information and support you need to develop your skills as a gunsmith.

Are we the best at-home study program available? We've worked hard to say "yes"! Yet we continue to work on upgrading and updating our content so that we stay current in this field. Presently, there are over 80 million gun owners in America with an estimated 320 million guns. The demand for gunsmiths has never been greater. More importantly, consider doing something you enjoy, something that will provide additional income, security and pleasure for the rest of your life. If you've read this far, thanks for staying with my message. It's hard to condense my pride for the program in a couple of paragraphs. Check us out. Whether you decide to take this course for personal or professional reasons, at Modern Gun School, your success is our goal.



Paul Grumbein,  
 Director

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**2013 Edition**  
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# So You Want to Become a Gunsmith

A gunsmith career is a perfect choice for those interested in firearms, who like figuring out how things work and enjoy working with their hands. Gunsmithing can be practiced in any locality from urban to rural. With a thriving firearms industry, the demand for quality gunsmithing services is steadily increasing. Today, there are over 320 million guns registered in the United States with 1 in 4 Americans owning a gun. The average gun owner owns 4 guns. Each of these guns will require maintenance, repair, adjustment, and cleaning at some point. If you are interested in working as a gunsmith there are several career options:

- Firearms dealerships
- Hunting or sport shops
- Armory management
- Manufacturer/Wholesaler's representative
- Your own gunsmith business

## Gunsmithing Opportunities

Gunsmithing is a service-based business that can provide a steady revenue stream with a small investment in time, training and money.

- **Service**—you will be able to clean, maintain, repair, refinish and customize rifles, handguns, and shotguns. Our training covers the jobs that Gunsmiths do on a regular basis.
- **Convenience**—in some areas you may be the only choice for basic Gunsmithing services. Gunsmith Training provides you with a valuable set of skills that will allow you to either make extra money or save money by doing this specialized work yourself.
- **Additional Income**—Gunsmiths on average make about \$50 an hour. Much of this work can be done on weekends or after hours, providing you with extra income year-round.

## COMMON GUNSMITH SERVICES AND CHARGES

SERVICE	COMPLETION TIME	MONEY EARNED
Clean and Oil Gun	½-1 hour	\$50-\$100
Rebluing Shotgun/Rifle	1-2 hours	\$135-\$190
Sight-in Gun	½ hour	\$50-\$75
Install Scope	½ hour	\$35-\$50
Wood Finishing	2 hours	\$90-\$150
Hourly Rate	1 hour	\$40-\$80

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## Choose Modern Gun School

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Modern Gun School is the world's oldest and one of the largest At-Home Gunsmith Schools, the first—and still the finest—in the most critical areas:

### ***Curriculum***

Learn from our time tested course materials and bench projects. Our course materials provide information on the function, design, maintenance and repair of guns. Our bench projects present techniques needed to keep your guns safe and in top-notch condition.

Our **Advanced Gunsmithing Course** consists of 65 lessons and 7 projects. It offers a comprehensive understanding of the firearms industry—from manufacturing to everyday gun owner operations. This course is designed to introduce students to the concepts and skills needed by the professional gunsmith.

Our **Basic Gun Repair Course** is meant for the hobbyist and is a proven method of gun repair for the firearms enthusiast. Learn how to properly clean, adjust and fine tune your weapons in the 31 lessons and 4 projects included in this course.

### ***Distance Education***

Modern Gun School has been a trusted name in gunsmith training for over 65 years, serving tens of thousands of students. Each has gone through our unique training method which allows them to work from the comfort of their home, in their spare time and on their own schedule.

### ***Committed, Responsive Faculty***

The Modern Gun School's dedicated staff is committed to your success and they are available to guide and support you throughout your studies. Master gunsmith mentors are available when you need them. Our student support team is devoted to the same goal: the academic and professional growth of our students.

### ***Economy***

At our very affordable tuition, both of our gunsmith programs offer you an extraordinary value, you will not find a better training value anywhere else! Modern Gun School offers a No-Risk-Money-Back Trial Examination.

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## Program Information

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### ***Admission Requirements***

Modern Gun School requires a High School or General Equivalency Diploma.

All applicants must complete and return the Enrollment Agreement along with the required down payment. Applications will be processed only if accompanied by the required payment.

### ***Tuition***

The tuition at Modern Gun School is a set fee that covers the entire program described in this catalog. The tuition fee can be found on the Enrollment Agreement and includes all lessons, projects, and exam evaluation services, along with your diploma upon completion.

### ***Duration***

The two years which Modern Gun School allows for the completion of the program is more than adequate for the average person. One automatic six month extension is available at no additional charge.

### ***Examinations and Grading***

After concluding the reading of each unit, students will then complete the required examination and send the answer sheets to our office in the pre-addressed envelope provided.

For mailed exams, Grade Reports will be sent to you accompanied by page references for incorrect answers.

***The grading system is as follows:***

<b>Letter Grade</b>	<b>Numerical Equivalent</b>
A Excellent	94-100
B Good	86-93
C Satisfactory	78-85
D Passing	70-77
F Failing	Below 70

Your success is important to us. If at any time you need assistance, please contact us. We will be more than happy to help with any questions you may have about the reading material or problems with any of the exams.

### ***Course Interruption***

Leaves of absence for a maximum of three months will be granted for good cause. A request should be made in writing to the Student Services Department. A leave of absence does not extend the required time for completion.

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## Program Benefits

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Whether you are earning your diploma for personal or professional reasons, there are many opportunities for a trained gunsmith.

***A Modern Gun School Education provides:***

### **Superior Student Services**

You are not alone when studying with MGS. Even though there is no formal campus or classrooms, we offer assistance to our students that is second to none.

### **Thorough Testing**

You will complete multiple exams and projects to help you gain a thorough understanding of the concepts taught.

### **Ample Time**

Students are permitted up to two years to complete their program. There are no formal classes to attend, so you can study anytime, anywhere.

### **Affordable Tuition**

Modern Gun School's Programs remains one of the most reasonably priced in the country. Your tuition cost covers your entire program including all lessons, projects, publications, examinations and evaluations—and the material is presented in simple everyday language.

### **Program Assistance**

Our education department is only a phone call, fax, or email away if you need help with your course studies. Use our toll-free number to access our staff or email your questions to: [info@moderngunrepair.com](mailto:info@moderngunrepair.com).

### **No-Risk Refund Policy:**

- **10-Day Money-Back Examination.** You have 10 days once registered for your course to change your mind. If you're not completely satisfied, simply notify us, return the materials and get a full refund.
- **Discontinue At Any Time.** After 10 days, you can still discontinue training. Whether you are paid in full or on a monthly payment plan you qualify for our liberal student return policy – see details on the back of your Enrollment Agreement.
- **Take Up to Two and a Half Years to Complete this Course.** If you work on your Course at a steady pace and complete assignments regularly, you can finish in a year or less. But if you need more time, you can take it! We give you two and a half years to complete your Course without any additional charge.
- **So there's no reason to hesitate.** You can try our course and if you're not completely satisfied, simply send it back to us within ten days of your enrollment agreement and we'll refund every penny. There's no restocking or registration fee. It's that simple.

***So why not give us a try?***

email: [info@moderngunrepair.com](mailto:info@moderngunrepair.com)

call: 800.493.4114



# What you receive with your course:

## **Binders**

We provide binders to store, preserve, and keep your lessons and exams in order. We include unit tabs for quick and easy reference. In fact, by placing your course outline in the front of your binder, you will have a perfect index.

## **Glossary**

The Modern Gun School Glossary contains 17 pages with more than 250 definitions in all. This alphabetical list of terms, used in the firearms industry, is sure to become a valuable asset and can be used as a lifelong reference.

## **Gunology**

Gunology was originally written as a book for Winchester-Western as a study guide for firearms salesman. The Gunology lesson provides a strong foundation to build on. It is a great reference, sure to be excellent addition to your firearms library.

## **Product Catalogs**

Over 40 catalogs relating to the firearms industry are at your disposal. We provide you with the contact information from many of the top venders in the industry.

## **Reloading DVD accompanied by Reloading Bench Plans**

This 30-minute DVD introduces the gun enthusiast to the money-saving hobby of reloading their own rifle, shotgun and handgun ammunition. Step-by-step sequences take the mystery out of case preparation, primer seating, accurately measuring powder and bullet seating in center fire cartridges.

## **Micrometer**

A practical measuring device for hobbyists and those who like to do it themselves. The satin chrome barrel and thimble offer easy to read etched black graduations, and the spindle is equipped with a lock for taking repetitive measurements.

## **Universal Gun Cleaning Kit**

This Kit includes everything you need to clean most popular caliber rifles, handguns and shotguns.

## **Trigger Pull Gauge**

This trigger pull gauge is calibrated in both ounces and grams for easy calculating. It also features a unique finger-tab adjustment and gives positive zero setting.

## **Gunsmith Apron**

A Gunsmithing Apron will help to keep both you and your clothing clean when performing regular cleaning and maintenance of firearms.

## **Digital Caliper**

A caliper is designed to precisely measure case length, inside and outside case diameter, bullet length, primer pocket depth and overall cartridge length. Features quick repeat and measuring speed, an extra large LCD screen and accuracy to 001.



## **Bore-Light**

This specially designed light-conductive translucent rod with offset angle accurately puts light where you need it. Light up tight-closefitting areas to spot unwanted defects in the bore, hidden chamber recesses, the action, magazine or receiver.

## **The Mainspring Vise**

This is the professional way to compress V-type mainsprings to remove and re-install them effortlessly. Much easier on the spring than trying to fight a heavy spring with makeshift tools. All-steel for maximum strength.

## **Firearms Assembly - Two volume set:**

*The Official NRA Guide- Pistols and Revolvers* and *The Official NRA Guide-Rifles and Shotguns* clearly illustrate exploded view diagrams and disassembly details. They contain mechanical details for popular handguns, along with detailed instructions and accurate exploded-view diagrams that provide the information any collector, hunter or shooting enthusiast needs to ensure proper disassembly and understand precisely how parts interact. Both of these volumes will be a useful addition to your professional library.

## **A Parchment Diploma**

You will receive a Diploma after successfully completing your course. It comes to you ready for framing and naturally bears the Modern Gun School seal.

## **Consultation Service and Support**

Our student support continues to be "at your service" even after you complete your course.



\*Pictured above: Advanced Gunsmithing Course

email: [info@moderngunrepair.com](mailto:info@moderngunrepair.com)

call: 800.493.4114



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## Program Overview

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The Advanced Gunsmithing Course consists of Lessons 1-65, and 7 projects, offering a comprehensive understanding of the firearms industry—from manufacturing to everyday gun owner operations. Our Basic Gun Repair Course is a proven method of gun repair meant for the hobbyist. Learn how to properly clean and adjust your weapons in the 31 lessons and 4 projects included in this course.

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## Program Outline

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▼ **Introduction** - Course introduction - Glossary of Gunsmithing Terms

▼ **Unit 1** - Gunology

- LESSON 1** - Where and How to Begin - .38 Smith & Wesson Chief Special  
**LESSON 2** - Safety- First, Last and Always - .45 Colt M-1911  
**LESSON 3** - Beginning Your First Project - .38 Smith & Wesson Military & Police  
- Gun Laws & Gun Repairmen

▼ **Unit 2**

- LESSON 4** - Completing Your First Project - Ruger Bearcat  
- Sources of Supply  
**LESSON 5** - Basics of Stock Finishing & Refinishing  
- Ruger Automatic - Your Workshop  
**LESSON 6** - How to Get Professional Stock Finishing Results  
- Charter Revolver - Bookkeeping-Legal and Financial

▼ **Unit 3**

- LESSON 7** - Fitting Custom Recoil Pads - Colt Single Action Revolver  
- Buying & Selling Firearms  
**LESSON 8** - Butt Plates, Swivels and Pads - Hi-Standard Sentinel Revolver  
- Gun Laws & Legislation  
**LESSON 9** - Checkering Fundamentals - Daisy Air Rifle  
- Your Federal Firearms Records

▼ **Unit 4**

- LESSON 10** - Checkering Extras and Carving - Crosman 760  
- Public Relations and Advertising  
**LESSON 11** - Setting Up Your Own Shop - Remington M-550  
- Firearm Service Records  
**LESSON 12** - Setting Up Your Workbench - Remington M-572  
- Gunpowder and Ballistics  
**Project 1 - Stock finishing**

## Program Outline Continued

### ▼ Unit 5

- LESSON 13** - Your Guide to Hand Tools - Remington M-66  
- History and Development
- LESSON 14** - Your Guide to Measuring Tools  
- Remington M-514 - National Rifle Association
- LESSON 15** - How to Choose the Right Power Tools  
- Marlin M-39A - Beretta M-92F
- LESSON 16** - More About Power Tools and Their Use  
- Remington M-580-581-582 - Building Your Library
- Project 2 - Precision filing**

### ▼ Unit 6

- LESSON 17** - How to Choose Your Lathe - Savage M-88  
- How to Read Precision Instruments
- LESSON 18** - How to Use (Adjust) Your Lathe  
- Savage M-24 Combination - Sights, Repair, and Installation
- LESSON 19** - Step-by-Step Soldering - Winchester M-200 Series  
- Telescope Sight Mounting
- Project 3 - Silver soldering**

### ▼ Unit 7

- LESSON 20** - Step-by-Step Welding - Marlin M-49 and 99 Series  
- Butt Stock Alterations, Recoil Pads and Refinishing Stocks
- LESSON 21** - All About Sights - Winchester M-94  
- Bluing Equipment, Tools, Polishing, Cleaning and Failures
- LESSON 22** - Sights and Scopes - Savage M-99  
- Advising Your Customers on Selecting Shotguns, Rifles & Handguns
- LESSON 23** - Keep It Clean - A Most Important Lesson  
- Remington M-700 - Introduction to Hand Loading

### ▼ Unit 8

- LESSON 24** - Cleaning Supplies, Equipment and Lubricants  
- Remington M-740-742 - Pricing Your Service Work
- LESSON 25** - Basic Repair Methods Part 1 - Remington M-760  
- Actions
- LESSON 26** - Basic Repair Methods Part 2 - Remington M-788  
- Blowups and Cartridge Nomenclature
- LESSON 27** - Basic Barrel Repair - Browning Hi-power  
- SAAMI; Unsafe Arms and Ammo Combinations



## Program Outline Continued

### ▼ Unit 9

- LESSON 28** - Barrel Rebuilding - Winchester M-88  
- Glock 17
- LESSON 29** - Learn Antique Restoration - Marlin M-336  
- Public Relations
- LESSON 30** - Antique Restoration in Depth - Mauser M-98  
- Tables of Measurements
- LESSON 31** - The Fine Art of Polishing and Jewelry Part 1  
- Ithica M-37 - Luger Automatic
- Project 4 - Hand tool fabrication**

### ▼ Unit 10

- LESSON 32** - The Fine Art of Polishing and Jewelry Part 2  
- Remington M-11 - Winchester M-61
- LESSON 33** - Learn Custom Finishing and Plating - Winchester M-12  
- Winchester M-26A
- LESSON 34** - All About Bluing - Remington M-1100  
- J.C. Higgins M-30
- LESSON 35** - Choosing Inletted Stock - Remington M-870  
- Remington M-141
- Project 5 - Stone polishing**  
**Project 6 - Bluing preparation**

### ▼ Unit 11

- LESSON 36** - Fitting and Shaping the Inletted Stock  
- Winchester M-1400 - Remington M-8 and 81
- LESSON 37** - Customizing - Winchester M-1200  
- Winchester M-05-07 and 10
- LESSON 38** - Customizing and Sporterizing - Stevens M-311  
- Remington M-721-722
- LESSON 39** - Accessorizing - Mossberg M-500  
- Remington M-31

### ▼ Unit 12

- LESSON 40** - Full or Part Time - Stevens M-94  
- Winchester M-97
- LESSON 41** - Business Administration
- LESSON 42** - Head spacing
- LESSON 43** - Shotgun Chambers
- Project 7 - Micromasurement**

## Program Outline Continued

### ▼ Unit 13

- LESSON 44** - Shotgun Bores
- LESSON 45** - Shotgun Chokes
- LESSON 46** - Shotgun Ribs
- LESSON 47** - Installing Rifle Barrels

### ▼ Unit 14

- LESSON 48** - Installing Shotgun Barrels
- LESSON 49** - Installing Handgun Barrels
- LESSON 50** - Installing Center Fire Rifle Barrels
- LESSON 51** - Private Brand Names and Serial Numbers

### ▼ Unit 15

- LESSON 52** - Tricks of the Trade
- LESSON 53** - Servicing and Building Muzzle Loaders
- LESSON 54** - Accurizing the Colt .45 Automatic
- LESSON 55** - U.S. M-1 Carbine
- LESSON 56** - Noble Shotguns

### ▼ Unit 16

- LESSON 57** - Crosman M-130 Pistol
- LESSON 58** - Crosman M-140 Rifle
- LESSON 59** - Savage M-110 Rifle (CF)
- LESSON 60** - Remington M-11/48 (Mohawk 48)
- LESSON 61** - Browning .22 LR Semi-Auto Rifle (RF)

### ▼ Unit 17

- LESSON 62** - Remington 552 Semi-Auto Rifles (RF)
- LESSON 63** - Beretta Semi-Auto Shotgun
- LESSON 64** - Springfield M-1903 Rifle
- LESSON 65** - Colt Frame Models "E" and "I" Revolver

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## 7 Hands-On Projects

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This course includes valuable hands-on projects using several different techniques relative to gun repair. All projects, once completed are to be returned with your mail back answer sheet to MGS for evaluation.

All project requirements **MUST BE MET** in order to receive your diploma.

### PROJECT 1

#### ***Stock finishing***

The objective of this project is to acquaint the student with the basic materials, tools, and procedures required to achieve production quality finish on a hardwood gunstock.

### PROJECT 2

#### ***Precision filing***

The objective of this project is to acquaint the student with the metal removal characteristics of common hand files. Promote awareness of the requirements for precision in the repair or alteration of metal gun parts.

### PROJECT 3

#### ***Silver soldering***

The objective of this project is to develop the skills to produce effective, serviceable solder joints as a means to repair damaged parts or as a technique used in pattern making.

### PROJECT 4

#### ***Hand tool fabrication***

The objective of this project is to fabricate a disassembly tool for a Ruger Security Six Revolver or a Ruger GP 100 Revolver using common materials and hand tools.

### PROJECT 5

#### ***Stone polishing***

The objective of this project is to acquaint the student with the metal removal characteristics of polishing stones.

### PROJECT 6

#### ***Bluing preparation***

The objective of this project is to acquaint the student with the level of surface cleanliness and polish required to produce a production-quality bluing job.

### PROJECT 7

#### ***Micromasurement***

The objective of this project is to provide the student with the hands-on training in micro-measurement using a digital caliper measuring various gun parts to a tolerance of three decimal places.

## What Modern Gun Students Say

*Since starting your course, I have set up a small shop in my basement. I am in law enforcement and have become involved with the Criminal Justice program. I am also an instructor in the Hunter Safety Program. These have led to some of the best free advertising you can get. Right now I've got as much work as I can handle. I feel really lucky because I know what I'm going to do for income when I retire...and best of all; my "hobby" is paying for itself!*

—Brad  
Torington, WY

*The course was everything and more than described. It has given me the knowledge and courage to start a new life as my own boss, doing something I love.*

—David  
Acton, CA

*I have been an amateur gunsmith for more than fifty years. Now thanks to Modern Gun School, I am able to fix guns for professionals. The price is right too. I have made more money repairing guns than my tuition ever cost. Thanks again and best wishes to you all.*

—Charles  
Washington, D.C.

*"Excellent program! The materials and insights are far exceeding what I would expect from a correspondence school."*

—David  
Oolagah, OH

*I enjoyed this course very much. I have been working for 24 years with weapons and as a Small Arms Repairman. I have been to a lot of schools on military weapons since I work full time for the U.S. Government. I also worked for three years as a part-time repairman with a Professional Gunsmith. And...I was still able to learn a lot from my Modern Gun Repair Course. I know of no other place where I could have gathered up this much information.*

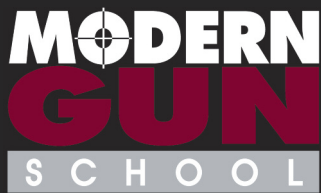
—Joseph  
Waynesboro, PA

*The course materials were very thorough and complete. The course was designed in a logical way that makes it fun to learn. If I ever had a question, all I had to do was call and a real person answered the phone. They were very helpful and eager to help.*

—Christopher  
Stratford, CT

*"I checked into approximately six different schools offering a gun repair course. Your course offered the most information out of the six. My goal is to have a gun repair business in operation by the time I retire so that I will not have to work for anyone else. I already have several people wanting me to repair their guns."*

—Derek  
Okemah, OK



**Student Service Center**

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