

American Gunsmithing Institute

PROFESSIONAL GUNSMITHING COURSE CURRICULUM AND VIDEO INDEX



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AGI

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AMERICAN GUNSMITHING INSTITUTE Professional Gunsmithing Course

Course Indexes

Following are the indexes to the American Gunsmithing Institute's Professional Gunsmithing Course curriculum.

The "Quick Reference Index" is essentially an index to the "Master Index." It gives you the page location of topics in the Master Index, which also gives you the disc number of the indexed menu listings which you can use as a reference within the Online Course.

Use of these two indexes will greatly speed your ability to find a certain topic when researching answers to work related questions and the Certification Examination's test questions. It answers all those "Now where did I see that?" questions.

Acknowledgements

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American Gunsmithing Institute

OUR PHILOSOPHY

AGI exists to provide firearm enthusiasts with the knowledge needed to keep their guns in safe and top-notch condition, maximizing their shooting experience and potential in a way that preserves the gunsmithing art and ensures "that the right of the people to keep and bear arms shall not be infringed."

At AGI we are dedicated to preserving and distributing gunsmithing knowledge for current and future generations. If a picture is worth a thousand words, these courses are precious beyond words. You will possess the most authoritative information available on the design, function, maintenance, and repair of your or your customer's firearm, with the ease of understanding that can only come from watching live action video. Owning this course is like having the country's best gunsmithing instructors available whenever you need them.

Instructor Emeritus Bob Dunlap's unique "Design, Function, Repair" teaching system uses one section to build on the next. For example, in the Handguns Section, you are taught how all the various models and systems work. You begin by learning in comprehensive detail about locked breech single action automatic pistols that use a link system, like the 1911 .45 Auto. Once you fully understand how those types of mechanisms work, the focus turns to teaching the differences between that system and the cam lock system, used in the Browning Hi-Power, and so on.

By building on a foundation of previous instruction and providing only new information on each model or major variation of firearm, great amounts of time are saved by not endlessly repeating the same information. This same building block teaching method is continued throughout the Shotgun, .22 Rimfire and Rifles sections of the course. This teaching style greatly compresses the time it takes to become a Professional Gunsmith and covers many times the number of guns and systems than other gunsmithing courses.

It is our belief you can't fix a firearm properly unless you really understand how it is designed to work. Bob's teaching method makes complex concepts easy to understand through his Design, Function, Repair system. The way he shows and describes how the firearm's mechanisms work illuminates the subject, the fog and mystery is removed. You will possess the "How and Why" knowledge of firearm design and function and then be able to understand how to make the appropriate repair.

AGI designed cutaway firearms are used as teaching aids for many of the models covered. This provides you with a unexampled look inside the firearm, to clearly understand how everything works together. The American Gunsmithing Institute has helped thousands of aspiring gunsmiths achieve the skills, knowledge and expertise it takes to become competent and successful in this rewarding field.

FACUITY

Master Gunsmith Instructor - Robert "Bob" Dunlap

AGI Instructor Emeritus, Master Gunsmith Robert "Bob" Dunlap is recognized nationally as the top instructor in his field and is an expert witness in firearms court cases. His unique and personally developed "Design, Function, Repair system is at the core of AGI's Professional and Consumer courses.

Throughout his career as a state accredited college gunsmithing in-

structor Bob also ran a fully staffed gunsmithing shop which did warranty work for Colt, Smith & Wesson, Charter Arms, Hi-Standard, Remington, Browning, Winchester and numerous other well known manufacturers. Bob has been personally responsible for the repair of well over 250,000 guns.





Darrell Holland

Mr. Holland is well known as a custom rifle builder, writer and lecturer. He builds some of the tightest shooting custom rifles in existence. Darrell is always inventing new performance shooting products and is constantly pushing the envelope with regards to integrating the latest technology and ideas into his rifle designs to increase accuracy and improve reliability.

Darrell is a Master Machinist and instructs the AGI Machine Shop Course. He has also instructed many other courses for AGI which take advantage of his

unsurpassed knowledge and expertise in optics, accurizing, hunting, and machining. His simple, direct instructional style makes learning any subject easy and his attention to detail is legendary. He enjoys teaching and has taught gunsmithing and marksmanship courses internationally. Even the most experienced shooters and gunsmiths learn from his courses.

Gene Shuey

Gene Shuey is a former world class competitive shooter, custom pistolsmith, and trainer. A Master Gunsmith specializing in 1911 and Glock pistols, IPSC limited and open class guns, and high end classic custom rifles, Mr. Shuey has contributed extensively to AGI's instructional gunsmithing courses. Gene is featured throughout the Professional Course and has instructed numerous AGI courses on customizing and building firearms.





Ken Brooks

A graduate of and former instructor at the gunsmithing program at Lassen College, Ken worked full time with Bob Dunlap at his shop as a professional gunsmith in Coquille, Oregon before taking over the reins when Bob retired. Ken is a Senior Instructor teaching the design, function and repair system AGI is renowned. He is a master at video Disassembly/Reassembly and has also done over 200 D/R and Armorer courses along with hosting on-going technical classes for AGI gunsmithing students.

Robert Rizzetto

Robert Rizzetto has over 37 years of experience in the welding trade and is a Credentialed Welding Instructor. Because of his thorough training and experience he understands exactly what is happening when you are welding and how to explain it to the student in a detailed and easy to understand style. He enjoys teaching and introducing students to the amazing, demanding world of welding.



John Bush

Mr. John Bush is a Master Armorer and has a long and colorful connection with firearms. He is constantly traveling as a consultant to manufacturers and importers of military firearms and is certified as an expert witness in firearm cases. John has instructed numerous AGI courses including building classic military style firearms from parts kits.

Mark Foster

Mark also graduated from the Lassen College Gunsmithing program where he studied with Gene Kelly and Darrell Holland under Bob Dunlap. Mr. Foster has over 30 years of gunsmithing experience and is a 30 year veteran of the Sheriff's Department where he was the Chief Armorer and a Firearms Training Officer.



Jack Landis

Jack is a graduate of gunsmithing programs at Lassen and Yavapai Colleges and he has been building, repairing, and modifying guns for over 50 years. After 30 years in the security industry, he went to work for the American Gunsmithing Institute in 2005 where his broad knowledge and logical problem solving abilities resulted in his becoming the Technical Services Manager, an instructor, and GunTech Video Magazine Editor. He is the "Go To" person for student and customer technical questions on the courses, content, and test questions. He does instructional videos, firearm and product evaluations in our

monthly GunTech video magazine, and answers gunsmithing questions from our AGI students and Gun Club of America members on our monthly webcasts.

Fred Zeglin

Fred has published numerous books which include, "Hawk Cartridges Manual," "PO Ackley, America's Gunsmith," and "Wildcat Cartridges, Reloader's Handbook of Wildcat Cartridge Design." Fred is an expert on wildcat cartridges and a well-known builder of high end custom hunting rifles. He currently

operates 4D Reamer Rentals LTD, specializing in rentals of gunsmithing tools to the trade and hobbyists.



T.R. Graham

T.R. Graham is a known authority, author, and gunsmith specializing in Glocks and other handguns. An NRA Certified Pistol Instructor, T.R. has worked in all facets of the civilian firearms industry including research and development, public relations, manufacturing, instruction, and gunsmithing. His personal training includes instruction and certification from several manufacturers on their weapons.



Robert Dunn

Robert Dunn began his AGI experience as a student, first investing in Armorer's Courses and then the Master Gunsmithing Course. After spending 25 years in the music industry, Robert sent AGI a resume and was later asked to "try out" for a videographer position. Robert was hired as a Video Producer and went on to contribute dozens of articles for publication in Hot Brass and GunTech in his column, The Dunn Armory. Robert has built and restored countless firearms over the years and continues to be an avid shooter, hunter, and gunsmith.

Robert is also a moderator on the GCA website.

James Lummel

James Lummel is the owner of TrapCity Productions and provides video post-production and DVD/Blu-ray disc authoring services to AGI on all their courses including finalizing, remastering, and chaptering the course video to disc and/or online service for final delivery to AGI students. James first joined the team as a Pro Course student and has worked with AGI ever since to help make gunsmithing and the AGI material more accessible to aspiring gunsmiths. In

addition to the work James does for AGI and as an AGI trained gunsmith, he is a co-founder of Mojave Drone Services LLC based out of Kingman, Arizona and as a certified UAS pilot flies drones for both fun and profit.



Keith Hezmalhalch - Producer

Keith started down the path to becoming a producer when he shot and edited his first film in high school. He entered the Telecommunications Program at college and after graduating worked for several years as an engineer in broadcast television before returning to the same college to teach. He left teaching to start Kaleidoscope Productions in 1984 and in 1993 began a collaborative effort with Gene Kelly to produce low cost, high quality, instructional videos. Keith has been instrumental in the development and production of AGI gunsmithing courses, as well as being the producer of GCA's monthly video magazine GunTech.

Gene Kelly - President, AGI

Gene graduated from the gunsmithing program at Lassen College, where Bob Dunlap was his instructor. Gene has worked as a professional gunsmith, is a licensed firearms manufacturer, and businessman. While working as a professional gunsmith Gene recognized the need for gunsmithing courses on video to preserve this vital information. He recruited Mr. Dunlap who was retiring from Lassen College and the American Gunsmithing Institute was born. Tens of thousands of gun owners and professional gunsmiths have already benefited from this effort. His vision is to train thousands more professional and hobby gunsmiths to protect our firearms freedom and ensure "that the right of the people to keep and bear arms shall not be infringed."



What our students have to say:

I wanted to take the opportunity to thank you for all of your hard work and support during my time with AGI. Your program changed my life for the better and now I started CJ's Custom Shop in Lemon Grove, CA with my business partner. I was a bit lost on what to do after I retired from the United States Navy and decided to give your program a whirl. Wow! It was challenging and fun. I never thought there was so much more to learn. I am now a certified Master Gunsmith. The sky is the limit.

This program really gives the individual a chance to shine or the opportunity to fail. Your choice. You get out what you put in. I put in the study time, worked an apprenticeship, and then struck out on my own so to speak. If you make the decision to succeed and raise yourself up to the next level, American Gunsmithing Institute is your type of people.

Hands down, best knowledge base I have seen yet. And they (the instructors) are from all over . . . successful business owners . . . true Masters of their trade. The AGI support staff works their tails off to give the best service for you. Feel free to lean on them for help too. Cheri, you are amazing. Thank you again for your dedication and perseverance. Our nations

Veterans need more of you in the world! Bravo Zulu!!

Sincerely, James N. Woods, Master Gunsmith, CJ's Custom Shop

"I have always dreamed that one day I would open my own Gunsmithing business. I found

AGI's Professional Gunsmithing Course to be just what I was looking for and more.

This course of instruction has given me the knowledge and confidence to open my own business."

G.L. lames, Elk Grove, CA

"The Lathe Course was superb and, since the Milling Course is even better, I am at a loss for a term of description higher than superb. I learned more tricks and insights from these courses than 35 years of hands-on taught me. Just his tips for tramming in the head quickly and easily were worth the cost of the course to me. Darrell is not only a master machinist and gunsmith, but a natural instructor as well.

Thanks for another great course!"

Steve Bird Sr., Failure Analysis Engineer, San Jose, CA

"I am truly amazed at the level of detail and ease of understanding your course provides."

S.M. Willenbecher

"Gaining a working knowledge of positive and negative engagement for sears and triggers alone was worth the investment." Ed's Gun Repair, Rock Creek, OH

"I completed a 'Gun Pros' course and felt it left out a lot of information. With your course, however, I was impressed with the detail right from the beginning and more so when I realized how many specific gun types were covered. I have not been disappointed!"

K.W. Domenichelli, Felton, CA

"I wanted to be a gunsmith from the time I was old enough to hold my first gun. After researching the many courses offered I decided on your Professional Gunsmithing Course. The course has given me an abundance of information. Your staff has been most helpful with my questions and have responded promptly." D. McKim, Highland, MI

First of all, I was thoroughly pleased with the quality of instruction I received as an "Enhanced Master Gunsmith" Program student including all the staff support. The information was easy to understand, the view of what the instructor was doing was incomparable - you just can't get that in a classroom setting. The ability to watch the classes over and over again is something you just can't get in any school.

As I was going through my training, I borrowed guns from friends and fellow church members to have in-hand as I did my training. As a thank you to them, I would do a complete detailed cleaning and inspection of the gun, replacing any broken parts and returning the gun "as good as new" which went a long way for word of mouth advertising.

My goal during the training was to open a home gunsmith shop as retirement income and be the local gunsmith as the next closest gunsmith is a 35 mile drive. I also was interested in learning to Cerakote and providing that service as well. As I was going through my business start-up phase, I would pass by a shop offering firearms coatings occasionally and stopped in to see what they do. Introduced myself as a gunsmith and asked about their coatings and how they go about disassembling/reassembling their guns for painting. The man I talked to was extremely busy, so I left a card and went my way.

He called me about 10 minutes later, and another 10 minutes after that I was back in his shop looking at projects for the next day - I've been working with him ever since, not only sharpening my skills and gaining experience, but gaining gunsmithing customers as well.

Thank you AGI for the training - and the materials to continue learning, Tim Foster

I opened as a one man show in September 2015. I was backed up with 6 weeks of work in the first 4 weeks I'd been open and I hadn't even leveled the mill and lathe yet!

Not long after that a guy came to the door and asked if I needed help. He was an AGI student too. Mike Fulk came in, leveled the machines, set up the Cerakote room and did much, much more. He works here after a full day of doing body repair work AND completed the AGI Master Course as well.

Since then we've added another three part time guys. We are very close to having repaired, customized or restored 2000 firearms. We have over 300 repeat customers and have become the area's most recognized and recommended gunsmith. Do I sound proud? All my best.

Jed Nadler, FIRST Gunsmithing, LLC Firearm Improvement & Repair with Specialized Technologies

"The information presented in the Professional Gunsmithing Course is clear, concise, and to the point. It is just the ticket for the busy professional."

C.L. Gunsmithing, Boca Raton, FL

I received the welding course as part of the Master Gunsmithing Course. I decide to review this first because I have an extensive background in welding; I took classes starting in high school through college and have been doing welding off and on ever since. I own my own business and I have fabricated many items for my business instead of purchasing similar items from the factory, etc. I have used my skills to make necessary repairs on equipment, etc. throughout the last 25 years. I thought I knew a lot about welding but I quickly realized I didn't.

What an excellent course! I wish I'd had this years ago. Even though I have experience, your course taught me things that will help me tremendously in every facet of welding. I would highly recommend this course to all those who are serious about learning proper welding procedures. Keep up the good work.

I am now looking forward to completing the rest of the gunsmithing, lathe and milling courses.

Ronald Stephenson, Phillipsburg, MT

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