

ACCELERATED
TRAINING INSTITUTE



Advanced Gunsmithing150

Instruction Hours 254.5
Length 34 Months or less
Modality Self-paced, 100% online



Advanced Gunsmithing 150 Course Description

This comprehensive course includes the fundamentals of gunsmithing. (DOT 632.281.010 - Gunsmith)

The Professional Gunsmithing Level II Course includes the coursework outlined in Professional Gunsmithing Level I and includes the complete Machine Shop Course (30 hours) with materials and shop manuals and all additional training videos and materials described below.

Objectives

Upon the completion of this course, students will be able to analyze problems encountered in common firearms, including Handguns, Shotguns, Rimfire and Centerfire Rifles, being able to identify the failure points with feeding, lock-up, extraction and ejection, firing, safeties and other mechanical aspects, with the knowledge to then make the appropriate repairs. Students will also learn skills of Machine Shop; using a Lathe, Mill and other General Shop equipment, along with the skills of Metal Refinishing, Spring making, Metal Heat-treating, Custom rifle building and accuracy enhancement with the tuning of Advanced Trigger Systems. Students will have the knowledge to demonstrate work ready skills. Note: hands-on or on the job training may still be required.

Equipment and materials used in this course include: An internet-capable computer, internet connection, web browser, online examinations.

Instructional Mode: Distance education not in real time. All instruction is provided via pre-recorded video lessons and online examinations. Lessons occur at a time and location determined by the student.

Method of Instruction: This course is taught in pre-recorded video instruction; however, the students can access instructors whenever they have technical questions or need assistance with completing the coursework. Students submit their questions by email to faculty@atitradeschools.com, after which they will receive an email reply and/or a telephone call from a Student Support Specialist.

Testing and Certificate Requirements: When you complete each of the 7 segments in the Professional Gunsmithing Level II Course, (Introduction to Gunsmithing, Pistol smithing, Shotguns, .22 Rimfire Rifles, Centerfire Rifles, Machine Shop Theory and Machine Shop Practical), you will take an examination to test your knowledge. When you pass each exam with a score of 80% or higher, you will pass that portion of the course and receive a Certificate of Completion.

Grading System: Students are graded on a pass/fail basis.

Passing Grade: A passing grade is given to a student who achieves a score of 80% or higher on all examinations in the Course.

Failing Grade: A failing grade is given to a student who has failed to achieve a score of 80% or higher on all examinations in the Course.



Advanced Gunsmithing 150 Course Outline

Professional Gunsmithing Level I and Machine Shop Course and these additional videos and materials:

- Advanced Trigger Jobs and Systems – 8hrs
- Professional Metal Finishing and Hot Caustic Bluing – 4hrs
- Slow Rust and Nitre Bluing – 3.5hrs
- Pillar Bedding Techniques – 2hrs
- A Day at the Bench with Bob Dunlap – 4hrs
- How to Heat Treat Carbon Steels and Alloys and Case Hardening Metal Parts – 2hrs
- How to Make Coil and Flat Springs – 2hrs
- Certified Cowboy Action Armorer's Course – 12hrs
- Building the Custom Mauser Rifle – 8hrs
- Selecting, Understanding, and Buying Pistol and Rifle Scopes – 2hrs
- Custom Barreling Bolt Action Rifles – 2hrs
- Heat Treat Temperature Guide for Carbon Steels
- Testing and Certificate Requirements