

# Lassen Community College Course Outline

## GSS-98.03 Cowboy Action Shooting Short Guns

1.0 Unit

### I. Catalog Description

This course is designed to present specialized techniques that deal with the fine-tuning of Colt, Colt style and Ruger single action revolvers for the very popular sport of cowboy action shooting. This course requires an additional fee of \$19 to cover the costs of course handouts, sandpaper, small parts (pins, roll pins, small springs, etc.), steel, welding rod and gases.

Does Not Transfer to UC/CSU  
4 Hours Lecture, 44 Hours Lab  
Scheduled:

### II. Coding Information

Repeatability: Take 1 Time  
Grading Option: Pass/No Pass Only  
Credit Type: Credit - Degree Applicable  
TOP Code: 099900

### III. Course Objectives

#### A. Course Student Learning Outcomes

Upon completion of this course the student will be able to:  
Properly trouble shoot and repair common single action revolvers.

#### B. Course Objectives

Upon completion of this course the student will be able to:

1. Describe the function of the studied single action revolvers.
2. Properly disassemble, clean and reassemble the firearms.
3. Demonstrate the recutting and hardening of hammer notches and trigger to correct and reduce trigger pull weight.

### IV. Course Content

- A. Cylinder fit
  1. Rear gauge
  2. Front gauge
  3. Endshake
  4. Cylinder hand relationship
  5. Base pin fit
- B. Bolt ball fit
  1. Frame and cylinder
  2. Ball shape
  3. Cylinder leads
  4. Bolt timing
  5. Tyne and hammer-cam adjustment and repair
- C. Hand functions
  1. Single and two stage hands
  2. Transitional binds
  3. Stretching hands

4. Fitting in window and timing with bolt
5. Correcting does not carry up and hand springs
- D. Trigger pull and sear engagement rules
  1. Decreasing creep
  2. Decreasing let-off weight
- E. Hammer notch functions and positions
  1. Trigger hammer and bolt relationships
  2. Alterations to minimize damage from misuse

## V. Assignments

### A. Appropriate Readings

The student will be assigned readings from trade journals and instructor handouts.

### B. Writing Assignments

The student will be required to keep a journal of notes.

### C. Expected Outside Assignments

See 'A' and 'B' above.

### D. Specific Assignments that Demonstrate Critical Thinking

Assignments may include the design and fabrication of a tool, new ideas toward manufacturing techniques, new ways to assemble a gun, new modification techniques. Example: The student will be told what a tool must do and then must design and fabricate the tool without being given dimensions or other information.

## VI. Methods of Evaluation

The student will be evaluated on completion of lab assignments in a timely manner and quality of work.

## VII. Methods of Delivery

Check those delivery methods for which, this course has been separately approved by the Curriculum/Academic Standards Committee.

Traditional Classroom Delivery  Correspondence Delivery

Hybrid Delivery  Online Delivery

Lecture, Laboratory, Demonstration

## VIII. Representative Texts and Supplies

Handouts relevant to the special topic.

Trade manuals will be the primary reference resource.

AGI Professional Series.

## IX. Discipline/s Assignment

Gunsmithing

## X. Course Status

Current Status: Active

Original Approval Date: 4/16/2001

Revised By: John Martin

Curriculum/Academic Standards Committee Revision Date: 05/21/2013

Instructional Program Review Date with no Revision: 03/25/2014