Lassen Community College Course Outline

GSS-84 LEAS Design and Repair Colt & Ruger Revolvers 1.0 Unit

I. Catalog Description

A course designed to train the student to fine tune and maintain Colt and Ruger revolvers to very close factory specifications, and to diagnose malfunctions and adjust or repair malfunctioning revolvers.

Recommended Preparation: Successful completion of ENGL105 or equivalent multiple measures placement.

Does Not Transfer to UC/CSU
6 Hours Lecture, 12 Hours Outside of Class, 34 Hours Lab, 52 Total Hours of Instruction 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:

Obtain or update armor skills necessary for current position or further advancement.

B. Course Objectives

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

1. Properly disassemble, clean and reassemble studied firearms.
2. Adjust frame to regulate point of impact.
3. Correct cylinder headspace.

IV. Course Content

A. Safety in the shop
   1. Power tools
   2. Bench tools
B. Colt revolvers
   1. Theory and function
   2. Frame sizes and models
C. Hand timing
   1. Slow and fast
   2. Timing pick-up
   3. Alteration of the window
   4. Correction of cramping
   5. Correction of high pads
   6. Ratchet fit
D. Cylinder fit

1. Moving back
2. Moving forward
3. Correcting bad notches
4. Correcting irregular ratchet pads

E. Firing pin fit
1. Shapes
2. Positive and absolute protrusion
3. Relationship to hole
4. Problems caused by headspace
5. Correction of oversized firing pin hole
6. Adjusting nose position

F. Ranging
Using a vise or arbor press

G. Adjusting point of impact
1. Indexing sight position in relation to the bore
2. Bent sights
3. Off plumb sights
4. Bent barrels
5. Barrels on different axis than frame

V. Assignments

A. Appropriate Readings
The student will be assigned readings from 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
Students will demonstrate critical thinking by increasing speed and quality of work.

VI. Methods of Evaluation

The student will be evaluated by class participation and completion of class assignments.

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

Instructor Handouts, Trade Journals

IX. Discipline/s Assignment

Gunsmithing

X. Course Status

Current Status: Active
Original Approval Date: 11/20/1990
Revised By: John Martin
Curriculum/Academic Standards Committee Revision Date: 11/15/2022