

Lassen Community College Course Outline

GSS-90 Customizing the Colt-Type Autopistol, Basic

2.0 Units

I. Catalog Description

A course designed to cover the specific basic alterations and modifications to the Colt 1911A1 type autopistols as used in custom pistolsmithing today.

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

Does Not Transfer to UC/CSU

17 Hours Lecture, 34 Hours Outside of Class, 51 Hours Lab, 102 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:

Properly perform basic custom alterations and modification to the colt 1911 type auto pistol as used in pistolsmithing today.

B. Course Objectives

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

1. Describe the function of the colt 1911 style autopistol.
2. Demonstrate proper disassembly, cleaning and reassembly.
3. Explain and demonstrate the fitting and installation of tenon and dovetail aftermarket sights.
4. Demonstrate the milling operation for correction slide to frame fit.
5. Explain and demonstrate the installation procedures for standard or one-piece ramped barrels.

IV. Course Content

A. Basic Functioning of Colt 1911A1 pistol

B. Selecting accessories

1. What works and what doesn't
2. What accessories to recommend for different matches

C. Barrel fitting

1. Angles
2. Jump
3. Shape and transition
4. Chamber transition

D. Extractor and ejector fitting

1. Shape
2. Engagement
3. Tension
4. Ejector length and shape
- E. Fitting custom match barrel
 1. Fitting hood
 2. Locking lugs
 3. Lower lugs
 4. Match bushing
- F. Trigger pull
 1. Sear and hammer angles
 2. Aftermarket hammers
 3. Aftermarket sears
 4. How to prevent follow-down
- G. Fitting beavertail safety
 1. Trimming frame
 2. Fitting blocking finger
 3. Fitting series 70 or 80
- H. Fitting ambidextrous safeties
 1. Point to watch
 2. Joint in grip safety
 3. Sear block
 4. Making ambidextrous without play
- I. Slide to frame fit
 1. Frame rail lowering
 2. Slide tightening
 3. Fitting National Match components.
- J. Sights
 1. Tenon
 2. Dovetail
 3. Novak
 4. Bo-mar

V. Assignments

A. Appropriate Readings

The student will be assigned readings from various instructor handouts and manufacturers instructions.

B. Writing Assignments

Students are required to keep a journal of notes.

C. Expected Outside Assignments

See 'A' and 'B' above.

D. Specific Assignments that Demonstrate Critical Thinking

Demonstrating an understanding of the use of the Krebs grip safety fixture and the math involved in determining how much material needs to be removed to fit a specific model of grip safety. Students will demonstrate the lowering and tightening of a slide to a receiver.

VI. Methods of Evaluation

Student will be evaluated on class participation 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, Demonstration, Laboratory Practice

VIII. Representative Texts and Supplies

Instructor Handouts, Trade Journals, Manufacturers Directions

IX. Discipline/s Assignment

Gunsmithing

X. Course Status

Current Status: Active

Original Approval Date: 3/19/1991

Revised By: John Martin

Curriculum/Academic Standards Committee Revision Date: 11/15/2022