

Lassen Community College Course Outline

GSS-93 LEAS Design and Repair-Counter Sniper/Varmint Rifle 1.0 Unit

I. Catalog Description

An advanced course designed to train law enforcement officers and gunsmiths in the accurizing and maintenance of super accurate bolt action rifles. This course requires an additional fee of \$19 to cover the costs of course handouts, bedding material, small parts (pins, roll pins, small springs, etc.), and steel.

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: Graded or Pass/No Pass

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. Demonstrate barrel break-in procedure.
3. Correctly bed action into stock.

IV. Course Content

A. Safety in the shop

1. Power tools
2. Bench tools

B. Bedding systems

1. Glass bedding compounds
2. Pillar bedding
3. Free floating barrels
4. Pressure bedding barrels

C. Triggers and safeties

1. Remington 700 family
2. Winchester model 70
3. Steyr SSG
4. Ruger 77

- D. Headspace
 - 1. Defined
 - 2. Measuring headspace
- E. Firing pins and fit
 - 1. Indications of misfit
 - 2. Measuring for correct fit
- F. Mounting scopes
 - 1. Types of mounts
 - 2. Collimating scopes
 - 3. Shimming to collimate

V. Assignments

A. Reading Assignments

Student will be assigned readings from various instructor handouts and trade journals.

B. Written 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 observing and correcting as many factors as possible regarding accuracy loss.

VI. Methods of Evaluation

The student will be evaluated on class participation and completion of class assignments (quality of finished product).

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: 10/23/1990

Revised By: John Martin

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