

Lassen Community College Course Outline

GSS-147 Assembly and Tuning of Gas Operated LEAS Repeating Rifles

1.0 Unit

I. Catalog Description

An advanced course that will cover the assembly and tuning of AR-15.

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 - Not 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. Describe the operation of the studied firearms.
2. Demonstrate proper disassembly, cleaning, and reassembly.
3. Regulate sights to correct point of impact.
4. Fine tune fire control system for minimum trigger pull weight and maximum reliability.
5. Regulate gas system for proper action cycling.

IV. Course Content

A. Safety in the shop

1. Power tools
2. Bench tools

B. AR-15

1. Nomenclature of parts
2. Assemble techniques
3. Fine Tuning

V. Assignments

A. Appropriate Readings

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

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

Student will demonstrate critical thinking by evaluation of complex working mechanisms and relational functions to diagnose mechanical failures and to plan and implement repair alternatives to restore functioning. Students will be evaluated and critique results.

VI. Methods of Evaluation

Students will be evaluated on 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, Military Manuals

IX. Discipline/s Assignment

Gunsmithing

X. Course Status

Current Status: Active

Original Approval Date: 11/5/1991

Revised By: John Martin

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