

Lassen Community College Course Outline

GSS-120B Stock Refinish and Repair – Recoil Pad Installation

1.0 Unit

I. Catalog Description

A course of instruction in restoration of gunstocks involving refinishing and repairing. Installation of rubber recoil pads will be covered as well.

Does Not Transfer to UC/CSU

4 Hours Lecture, 8 Hours Outside of Class, 46 Hours Lab, 58 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: 095630

III. Course Objectives

A. Course Student Learning Outcomes

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

Raise dents, sand, and finish a one-piece stock to a 320 grit finish and repair cracks in a one-piece stock with no visual glue line. Install a recoil pad with acceptable fit.

B. Course Objectives

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

1. Identify the different levels of stock finish.
2. Demonstrate the removal of old finish and stain.
3. Repair dents and cracks in project.
4. Explain and demonstrate whiskering of stock.
5. Demonstrate the various methods of installing a recoil pad.

IV. Course Content

A. Safety in the shop

1. Power tools
2. Bench tools

B. Stripping old finish

1. Chemical
2. Mechanical

C. Preparation

1. Protect checkering
2. Bleaching
3. Whiskering
4. Sanding

D. Repairs

1. Cracks
2. Breakage
3. Chips and abrasions

E. Refinishing

1. Sealing

2. Filling
3. Finish
 - a. in the wood
 - b. on the wood
- F. Recoil pad installation
 1. Table saw set up
 2. Attaching recoil pad
 3. Protecting the finish on the stock
 4. Changing length of pull and pitch
 5. Grinding the pad
 - a. on the stock
 - b. off the stock

V. Assignments

A. Appropriate Readings

The student will be assigned readings from instructor handouts various 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

Students will demonstrate critical thinking by concentrating efforts to increase speed and quality of work.

VI. Methods of Evaluation

The student will be evaluated on class participation and quality of completed 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, Manufacturers Instructions, Trade Journals

IX. Discipline/s Assignment

Gunsmithing

X. Course Status

Current Status: Active

Original Approval Date: 5/27/1994

Revised By: John Martin

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