

# Lassen Community College Course Outline

## GSS-72 Fiberglass Stockmaking

1.0 Unit

### I. Catalog Description

A course introducing the skills, procedures, and techniques of finishing a fiberglass stock, including history, materials, bedding, filling, sanding, painting, accessories, and accuracy.

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

Does not transfer to UC/CSU

4 Hours Lecture, 8 Outside of Class Hours, 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 - 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 fit, bed, finish and install a fiberglass stock to industry standards.

#### B. Course Objectives

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

1. Describe the theory of fiberglass stocks pertaining to strength, accuracy and marketability.
2. Demonstrate stock inletting procedure and barrelled action preparation.
3. Properly mix bedding compound and apply to project.
4. Explain and demonstrate proper clean up sequence.

### IV. Course Content

#### A. Safety in the shop

1. Power tools
2. Bench tools
3. Materials

#### B. Materials

1. Stock blank history
2. Resins
3. Glass cloth and other glass products

#### C. Assembly

1. Theory
2. Bedding
3. Filling
4. Checking

5. Recoil and accuracy
  6. Accessories
- D. Finish
1. Sanding
  2. Priming
  3. Painting
- E. Shooting and marketing

## **V. Assignments**

### **A. Appropriate Readings**

Students will be assigned readings from instructor handouts and manufacturer's recommended readings.

### **B. Writing Assignments**

Students 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 evaluating the raw material to be used and making decisions and planning dimensions, bedding contact areas, procedures and criterias for stability and accuracy before and during the work progress.

## **VI. Methods of Evaluation**

The student will be evaluated on accuracy and speed of work as well as innovative ideas.

## **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, Manufacturer's Instructions

## **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