

# Lassen Community College Course Outline

## GSS-82 General Gunsmithing

1.0 Unit

### I. Catalog Description

A course designed to introduce the student to gunsmithing basics to include, firearms malfunctions, diagnosis and repair.

**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 use common gunsmithing tools and fixtures to complete common projects encountered.

#### B. Course Objectives

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

1. Describe gunshop setup as it pertains to efficiency.
2. Describe common gunsmithing tools.
3. Demonstrate proper heat treating of metals.

### IV. Course Content

#### A. Safety in the shop

1. Power tools
2. Bench tools

#### B. Benchtools in the gunsmithing shop

1. Disassembly-assembly tools
2. Cutting tools, scrapers
3. Stoning and lapping tools

#### C. Small bench power tools-uses

1. Drill press
2. Grinders
3. Dremel-foredom tools

#### D. Metal surface preparation

1. Grinding, filing, sanding, polishing
2. Cold blueing

#### E. Disassembly and reassembly problems

1. Remington shotguns

2. Smith and Wesson revolvers
  3. Colt semi-auto pistol
  4. Colt revolver
- F. Theory and function of internal systems
1. Safety systems
  2. Sear systems
  3. Disconnectors
  4. Ejectors
- G. Repair and replacement of damaged parts
1. Firing pins
  2. Extractors
  3. Bolt handles
  4. Others

## **V. Assignments**

### **A. Appropriate Readings**

Instructor Handouts

### **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**

Students will demonstrate critical thinking by designing and altering tools to increase productivity.

## **VI. Methods of Evaluation**

The student will be evaluated on class participation and completion of lab 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, Lab Demonstrations

## **VIII. Representative Texts and Supplies**

Instructor Handouts, Trade Journals

## **IX. Discipline/s Assignment**

Gunsmithing

## **X. Course Status**

Current Status: Active

Original Approval Date: 5/1/1990

Revised By: John Martin

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