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, 46 Hours Lab
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: 02/10/2016
Instructional Program Review Date with no Revision: 03/25/2014