

Associate of Applied Science - Gunsmithing

Program Description

The Gunsmithing degree program prepares students for employment in entry-level positions in firearm and metal industries.

Note: Since there is a special admission process for this program, prospective students should contact the Advising Center or visit our website at www.gunsmithing.org for detailed information.

Program Contacts

- Professor: Alan Lohr (alan.lohr@yc.edu), telephone: (928) 776-2348
- Instructional Specialist: Susie Check (susie.check@yc.edu), telephone: (928) 717-7761
- Dean: John Morgan (john.morgan@yc.edu), telephone: (928) 717-7721

Program Outcomes

Upon successful completion of the Gunsmithing Degree program, the learner will be able to:

1. Safely operate hand and machine tools common to the gunsmithing trade.
2. Use measuring tools such as micrometers, indicators, verniers and various gauges.
3. Use a computer to develop ballistic data and to document research assignments.
4. Completely disassemble firearms for metal refinishing and reassembly.
5. Identify different rifle operating systems.
6. Identify different shotgun operating systems including maintenance, repair and customization.
7. Lay out, duplicate, inlet, fit, glass bed, install accessories, apply finish, and checker the Classic American rifle stock.
8. Perform computer assisted drafting operations on a personal computer.
9. Identify, repair and extensively modify pistols and revolvers.
10. Install rifle barrels using proven methods to enhance accuracy.
11. Plan, set-up, make, and install specialty accessories frequently encountered in the firearms industry.
12. Communicate professionally with customers and vendors.
13. Develop a business plan, complete with demographics, suitable for a small business loan application.
14. Develop marketing tools such as brochures and ads.
15. Develop an accurate price list for performing technical services.

Program Requirements

A minimum of 60 credit hours is required to complete the Gunsmithing Degree.

Course	Course Title	Credit Hours
I. General Education		
A. Foundation Studies (12 credits)		
1. College Composition or Applied Communication - Select Option a or b:		
a. Writing (6 credits)		
Choose two courses from approved list		
b. Writing AND Communication (6 credits)		
Choose one course from each list		
2. Numeracy (3 credits)		
3. Critical Thinking (3 credits)		
B. Area Studies (7 credits)		
1. Physical and Biological Science (4 credits)		
2. Behavioral OR Social Science (3 credits)		
Choose one course from either list		
II. Gunsmithing Requirements		
GST100	Apprentice Gunsmithing	10
GST150	Journeyman Gunsmithing	10
GST200	Professional Gunsmithing	10
GST250	Master Gunsmithing	10

Course	Course Title	Credit Hours
III. Related Requirements		
BSA102	Career Search and Success	1