

Lion Punch Forge

Workshop Series



Class Title: Metalworking and Jewelry Techniques: Safety, Sawing, Forging, and Beyond.

Description:

The Metalworking and Jewelry Techniques class is an immersive learning experience that takes participants on a journey through the fascinating world of metals and jewelry crafting. This comprehensive course covers a wide range of topics, including safety practices, foundational skills like sawing and forging, creative uses of tools, and traditional techniques that lay the groundwork for contemporary craftsmanship.

Course Outline:

1. Safety in Metalworking and Jewelry

- Introduction to workshop safety protocols
- Proper usage of personal protective equipment (PPE)
- Safe handling and storage of tools, chemicals, and materials
- Identifying and mitigating potential hazards
- Emergency response procedures and basic first aid in the workshop

2. Sawing Basics and Beyond

- Introduction to jewelry saws and their components
- Essential sawing techniques for precision cuts through good body positioning and posture
- Creative applications of the jewelry saw beyond cutting
- Exploring various blades and their effects on different metals
- Hands-on practice with an opportunity to try all types of saws on the market.

3. Forging and Metal Movement

- Understanding how metals move and react under heat and pressure
- Introduction to forging techniques and tools
- Creating basic shapes through forging
- Discussion on hammer types and their impact on metal manipulation

4. Exploring Texture and Form

- Introduction to fold forming and its geometric textures
- Applying fold-formed textures in jewelry design
- Air chasing: Crafting organic textures like tree bark
- Unveiling the creativity behind textured metal surfaces

5. Traditional Techniques and DIY Tool Making (Discussion throughout the class)

- Exploring the value of traditional jewelry apprenticeships
- Identifying gaps jewelry education and potential benefits of going back to the roots
- Crafting and modifying your own jewelry-making tools
- Showcasing examples of homemade tools for specialized tasks

6. Steel and Its Unique Character (Discussion throughout the class)

- Comparing working with steel to other metals
- Embracing the challenges and rewards of steelwork
- Insights into tapping and threading techniques with the tap and die

7. Crafting Stone Setting Tools (Discussion throughout the class)

- Designing and creating personalized stone setting tools
- Understanding the importance of specialized tools in stone setting

Throughout the Metalworking and Jewelry Techniques class, participants will engage in hands-on exercises, observe live demonstrations, and participate in discussions. They will gain not only technical skills but also a deeper appreciation for the artistry and craftsmanship that goes into creating exquisite jewelry pieces. Questions, comments, and collaborative learning will be encouraged to foster a rich and interactive learning environment.