

# Chesapeake Forge Blacksmithing Guild

## Blacksmithing Course

9:00 A.M. Gather in Blacksmith shop

9:00 – 10:00 Safety

- Clothing
- Safety Glasses
- Tool Safety
- Burn and Fire Safety

Workshop

- Anvil
- Coal Forge
- Post Vise
- Slack Tub

Tools

- Tongs (Bar, Flat, Bolt, link, and Tire)
- Hammers (Cross Peen, Straight Peen, Ball Peen, and Double-Faced Jack)
- Punches
- Hardies, Fullers, Bicks, & Swages
- Files & Rasps

Forge Tools

- Rake, Poker, Shovel, Watering Can

10:00 – 10:30 Fire building

- Anatomy of the Fire – Zones
- Green coal v. Coke
- Damping the fire

- Introducing Metal to Fire
- Maintaining an un-collapsed fire
- Hearth etiquette

10:30 – 12:00 Basic Forging Operations

- Hammering – Full Face, Half-Face, Edge, Back-Face, Shearing
- Forging Color Chart
- Drawing out
- Pointing Up
- Bending
- Upsetting
- Hot Cutting

12:00 – 12:30 Lunch on your own in the park

12:30 – 4:00 First Project

- Fireplace poker (or another project that you choose)

## Monday

7:00 – 10:00 P.M. Open Forge – Training Continues

