

AN INTRODUCTION TO THE HAND-FORGED BLADE  
WITH MATTHEW PARKINSON  
June 24-28, 2019

**Syllabus**

**Day 1**

Forging demonstration, discussion of knife designs. Students begin blade forging.

**Day 2**

Students complete forging of blades. Demonstration of grinding finishing techniques, students begin grinding. Discussion of heat treating and basic metallurgy.

**Day 3**

Students complete grinding/finishing. Demonstration of heat treating.

**Day 4**

Begin fabrication of guard and handle.

**Day 5**

Complete handle and guard, final assembly of knife. Discussion of sharpening and edge geometry. Demonstration of sharpening, students sharpen knives.

**Tool List**

Hammer, cross peen 1 1/2LB-3lb (whatever is comfortable for the student.)

Tongs - 1 pair of pick up tongs, 1 pair of box jaw, offset bar or blade tongs to hold 1 1/4"/1/4"

Files- set of needle files, 1 10" half round bastard cut, 1 10" mill file bastard cut, 10" mill file second cut or fine cut.

*Layout Tools*

6" steel rule

Small square (2-3")

Scriber

Center punch

Dial calipers

Pencil

Sharpie

Sharpening tools

Coarse and med Diamond hones

Med and fine Arkansas stones (white and either black or translucent)

Please contact me at [Swordmatt@yahoo.com](mailto:Swordmatt@yahoo.com) with any questions.

Matthew Parkinson