Advanced Hand Engraving

**Note** In order for this course to meet the requirements for the Gunsmithing Arts Certificate, classes will run longer each day. Students should report for orientation at 8 a.m. Monday morning. Dr. Pierson will discuss extended class time at the beginning of the course.

(This course counts toward the Gunsmithing Fine Arts Certificate)

This course covers advanced concepts and skills related to push engraving and hammer and chisel engraving. Special emphasis will be placed on scroll types, precious metal inlay, bulino and banknote engraving, restoring engraving, and lettering. Students should complete the Introductory Hand Engraving course prior to enrolling Advanced Hand Engraving.

**Dr. Michael J. Pierson** has been an academic administrator and taught technical subjects in a university setting for over 35 years. He has been engraving for 24 years, was trained by Frank Hendricks, and is a member of the Firearms Engraver’s Guild of America. He is proficient with both the hammer and chisel and pneumatic engraving techniques and a wide variety scroll patterns.

Dr. Michael J. Pierson

Advanced Hand Engraving

Tool List

Engraving Course Tool List

**Required tools and supplies:**

1. Chasing hammer, 1-1/8" face from NGraver or GRS
2. Four 3/32” carbalt XD blanks from Lindsay
3. #7, #12, #20 straight liners in standard width from NGraver or #18-10 and #24-10 straight liners from GRS
4. Steel ruler, 6 inch
5. Dividers
6. Scribe
7. Ellipse template #20750 from Drafting Steals
8. Circle template #20724 from Drafting Steals
9. Stabilio #8008 pencil from Amazon
10. Curved burnisher from Amazon
11. Dot punch set, No. 1,2,3 from NGraver or beading tool #10, #15, and #22 from GRS
12. Optivisor, #3 lens from GRS
13. Talcum powder
14. Clear packaging tape
15. Money clip, nickel silver spring tempered from Ngraver
16. One tube of oil based black etching ink from Faust or Eckersleys
17. Stainless tool holder for 3/32” graver blanks from Lindsay
18. Wet/dry silicon carbide sandpaper (220,320, & 400 grit)
19. Palm push adjustable length graver from Lindsay
20. 3/16” brass punch from MSC
21. 3/16” steel punch from MSC
22. Carbide bur set #004-511 from GRS

Contact information for tool and supply sources:
GRS Tools
Web site: www.grstools.com

The Ngraver Company
Web site: Ngraver.com

Lindsay Engraving and Tools
Web site: Lindsayengraving.com

Rudolph Faust, Inc.
Web site: faustink.com

Eckersley’s Arts and Crafts
eckersleys.com

MSC Industrial Supply
Web site: mscdirect.com

******************************************************************************
**********
**********