



**MICHAEL W. DUBBER**  
**MASTER ENGRAVER**  
2019 GRS  
GRAND MASTERS  
INSTRUCTOR

8205 Heather Place  
Evansville, IN 47710

Studio 812-867-3039

Cell 812-454-0271

[www.firearmsengraving.com](http://www.firearmsengraving.com)

[www.engravingtransfers.com](http://www.engravingtransfers.com)

e-mail: [mw.dubber@gmail.com](mailto:mw.dubber@gmail.com)

## **Basic and Intermediate Power Metal Engraving**

### **Engraving with Air Powered Engraving Equipment**

October 26 – 30, 2020

This class is designed for the wood worker who wishes to expand their skills to include hand engraving. Students will learn how to enhance metal hardware and add to the artistic appeal to furniture and tools. The 2019 Marc Adams Class will feature fully equipped work benches with GRS air powered engraving tools. The most challenging skill for the hand engraver is the art of engraving letters, and students will learn the basics of laying out and engraving script and block lettering. Consider bringing a woodworking tool to class. A small steel or brass block plane would be a perfect choice for application of decorative scroll work.

**Tools:** Arrangements have been made with Glendo Corporation (GRS) to supply the basic metal engraving tools and accessories for this class. Please contact GRS at 800-835-3519 ([www.grstools.com](http://www.grstools.com)) and ask to speak with a salesman about the "Marc Adams School Tool Kit." This special selection of engraving and layout tools has been reserved and specially priced for students in this class.

Students are encouraged to bring whatever hand engraving tools they may already have, so long as their classroom inventory includes those exact tools on the GRS list. Note pads and sketching materials will be helpful for recording special instructional material and drawing scrolls and letters. A pencil compass, a small divider and protractor will also be helpful for laying out patterns. Engraving vices and extra steel and brass practice plates will be supplied for each work station. This is a hands-on class and you will be engraving every day!

#### **Daily Schedule**

- Monday: Graver Sharpening – creating the 120 and 90 degree graver  
Hammer and Chisel engraving techniques  
Hand engraving straight lines, curves and scrolls
- Tuesday: Laying out basic scrolls and borders on metal plates  
Application of decorative corner details
- Wednesday: Lettering- methods of layout and centering script and block letters  
Straight Line Inscriptions –  
Arced and curved Inscriptions  
Monograms and geometrics
- Thursday: Engraving geometrics and floral designs on brass hardware knobs  
Engraving the brass furniture plate
- Friday: Application of scrolls and borders to woodworking tools

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