Pen plan of procedures

1. Make several profile sketches (6 or more)
2. Get sketches approved and get your blanks from the instructor.
3. Chuck the blanks on the mandrel (2 bushings 1 blank 1 bushing 1 blank 2 bushings brass nut) and secure the tail stock. Tighten up the mandrel and adjust the tool rest 1/16th of an inch from the material.
4. Turn the material by hand to make sure the material does not hit the tool rest.
5. Put on eye protection and get instructor's approval.
6. Turn on the lathe and rough out the material with the gouge. (DO **NOT** REMOVE TOO MUCH MATERIAL!!!!!!!)
7. Re-adjust the tool rest to 1/16th of an inch.
8. Use the turning tools to turn the ends to the bushings and get the desired shape. (leave them a little big)
9. Turn to final shape and size, making sure the ends of the blanks are the same size as the bushings. (very important)
10. Move the tool rest and sand. Start with 150 grit then 220 grit and then 400 grit. (very important) Sand with the grain between grits.
11. Cover the ways of the lathe and apply EEE-ultra shine with a paper towel.
12. When no residue is left, apply the polish with a paper towel. (2 coats)
13. Remove blanks and assemble the pen. The instructor will help you.
14. Grade 50 points possible
15. Bring evaluation sheet, approved profile and pen to the instructor.