Materials and Processes II

Weebly Video Titles

Semester 1

1. BBQ handle prep, production, and design

2. BBQ handle preparation

3. BBQ handle lathe setup and production

4. BBQ handle design

5. BBQ handle finishing

6. Facing, center drilling, and oiling

7. Facing on the machine lathe

8. Center drilling first end

9. Facing and center drilling the opposite end

10. Machine lathe main parts and lubrication

11. Facing hammer head on the vertical mill

12. CNC plasma cutter and operations for BBQ parts

13. Basic parts and operations of the vertical mill

14. Prep and layout of the hammer head

15. Facing the hammer head

16. Initial cutting and set up of the plasma cutter

17. Trouble shooting of the plasma cutter

18. Cutting BBQ parts on the plasma cutter

19. Machining the .500 diameter

20. Finishing the .375 diameter

21. Setting up the machine lather for longitudinal turning

22. cleaning up the .500/.625 tapers and preparing to cut the .375 diameter

23. Machining the 5 degree taper on the hammer head

24. Assembly of the paper BBQ stretch out

25. Round top double twist pen video 1

26. Round top double twist pen video 2

27. Round top double twist pen video 3

28. Round top double twist pen video 4

29. Round top double twist pen video 5

30. Round top double twist pen video 6

31. Round top double twist pen video 7

32. Sharpening lathe tools

33. 10-degree taper on the hammer head

34. Rounding the .625 end on the hammer handle

35. 45-degree chamfer on the .375 end of the hammer handle

36. Drilling the hammer head

37. Making external threads on the hammer handle

38. Placing 3/8-16 threads inside the hammer head

F:youtube video titles materials 2 fall semester rev 19