Materials and Processes I

Weebly Video Titles

1. Drawing out the tool tray

2. Drawing out the tool tray parts

3. Assembly of the paper tool tray

4. Squaring shear and cutting the main body of your tool tray

5. Squaring up scrap and cutting small components

6. Drawing out your tool tray on metal

7. Drawing out your tool tray pieces

8. Using snips and cutting out reliefs

9. Using the box and pan brake

10. Preparing the tool tray to be spot welded

11. Spot welding

12. Tool tray handle

13. Rivets and the rivet tool

14. Tool tray final step

15. Paper cell phone holder stretch out

16. Folding and assemble of the metal cell phone holder

17. Spray painting the metal cell phone holder

18. Pewter figurine casting

19. Cleaning your pewter figurine

20. Radial Arm Saw demonstration

21. Bread box side panel

22. Joiner planer demonstration

23. Gluing up the bread box side panel

24. Pen Demo 1 Band saw demo cutting wood to length

25. Pen Demo 2 Drill press basics and gluing your pen tubes

26. Pen Demo 3 Grinder basics and sharpening lathe tools

27. Pen Demo 4 Lathe basics and mandrel set up

28. Pen Demo 5 Disc sander basics and sanding your blanks

29. Pen Demo 6 Pen milling and mandrel set up

30. Pen Demo 7 Turning your pen

31. Pen Demo 8 Finishing your pen

32. Pen Demo 9 Assembly

33. The Bread Box

34. Bread Box Components

35. Bread box top and bottom panels

36. Planing, crosscutting, and ripping side panel

37. Cutting the dadoes for the bread box

38. Cutting the trim strips

39. Laying outside panels for routing

40. Gluing the trim mstrips

41. Cutting the waste off of off of your side panels

42. Trimming the extra trim wood from your top and bottom

43. Sanding the ends off of the trim boards

44. Cutting slats for the roll top

45. Cutting slats to correct length

46. Check the roll top

47. Round overs on the bread box

48. Rabbet joints on the bread box

49. Wood buttons on the bottom of the bread box

50. Power sanding the bread box

51. Hand sanding the bread box

52. Filing blemishes with wood putty

53. Bread box final sanding and tips

54. Staining your bread box and initial set up

55. Bread box parts after staining

56. Gluing the bread box slats

57. Bread box slats drying

58. Gluing un the bread box

59. Gluing the back on your bread box and placing wood buttons

 underneath

60. Cutting blocks for the segmented wooden basket

61. Initial gluing of the segmented basket

62. Gluing up the remainder of the basket

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