VLNR 1320: Bow Rehairing

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 1
Lab Hours/Week: 4
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

The students learn all of the steps in rehairing a bow as well as how to judge a rehair job. Bow rehairing tools are made. Grading is based on twelve rehairs. (Prerequisite: None) (3 credits: 1 lecture/2 lab)

B. COURSE EFFECTIVE DATES: 03/19/2008 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
1. Prepare frog holder
2. Finish frog holder
3. Prepare wedge hollower
4. Make hair spreader
5. Make hair gauge
6. Make bass bow frog holder
7. Make German bass bow frog holder
8. Diagnose bow problem(s)
9. Disassemble bow
10. Clean bow
11. Polish metal parts
12. Reclean metal parts
13. Lubricate bow screw
14. Check each mortise condition
15. Cut tip wedge
16. Cut frog wedge, install frog and mark stick mortise
17. Measure bow hair and cut bow hank
18. Rosin hair ends
19. Tie frog knot
20. Singe hair ends
21. Secure hair ends
22. Insert knot into frog
23. Insert frog wedge
24. Test frog wedge
25. Install slide
26. Install ferrule
27. Fit spread wedge, no glue
28. Rough trim spread wedge
29. Install frog on stick, furthest forward position
30. Comb out hair
31. Mark hair length
32. Trim hair ends
33. Rosin hair ends
34. Remove frog from stick
35. Clamp down frog and holder
36. Wet hair
37. Comb out wet hair, create ribbon
38. Pinch hair (death grip)
39. Tie tip knot
40. Comb hair
41. Slide comb to knot, check ribbon
42. Trim hair ends
43. Singe hair ends
44. Secure tip knot
45. Insert tip knot  
46. Insert tip wedge  
47. Check tip wedge security, install frog  
48. Remove frog and spread wedge  
49. Install frog and tighten hair  
50. Comb hair  
51. Insert hair spreader  
52. Comb down from spreader  
53. Apply spread wedge glue  
54. Insert spread wedge  
55. Seat wedge with comb  
56. Seat wedge with file, remove frog  
57. Trim spread wedge  
58. Correct any problems  
59. Flame hair if allowed  
60. Clean hair with alcohol  
61. Let dry  
62. Rosin hair  
63. Repeat 11 times

**E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted