

# Minnesota State College Southeast

## VLNR 1321: Bow Rehairing

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 1

Lab Hours/Week: 6

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is largely hands-on and covers rehairing of violin, viola, cello, and bass bows. (Prerequisite: None) (4 credits: 1 lecture/3 lab)

**B. COURSE EFFECTIVE DATES:** 01/29/2013 - Present

**C. OUTLINE OF MAJOR CONTENT AREAS**

**D. LEARNING OUTCOMES (General)**

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 box
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 ends and clamp frog holder down
34. Wet hair
35. Comb out wet hair, create ribbon
36. Pinch hair (death grip)
37. Tie tip knot
38. Comb hair
39. Slide comb to knot, check ribbon
40. Trim hair ends
41. Singe hair ends
42. Secure tip knot
43. Insert tip knot
44. Insert tip wedge

45. Check tip wedge security, install frog
46. Remove frog and spread wedge
47. Install frog and tighten hair
48. comb hair rosin hair ends
49. Remove frog from stick
50. Clamp down frog
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