VLNR 1351: Bridges and Soundposts

A. COURSE DESCRIPTION

Credits: 8
Lecture Hours/Week: 2
Lab Hours/Week: 12
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

Soundposts and bridges are critical to the sound and playability of an instrument. Students learn where and how to fit the soundpost and bridge to each individual instrument and how to carve the bridge for optimum sound and aesthetic appeal. Students will fit at least 12 violin/viola soundposts and bridges, five cello soundposts and bridges and one bass soundpost and bridge. (Prerequisites: VLNR1301, VLNR1305, VLNR1321) (8 credits: 2 lecture/6 lab)

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

C. OUTLINE OF MAJOR CONTENT AREAS
D. LEARNING OUTCOMES (General)
   1. Keep log
   2. Prepare tools
   3. Make bridge color
   4. Measure violin
   5. Calculate violin/viola bridge/soundpost location
   6. Fit violin soundpost
   7. Fit violin bridge feet
   8. Get violin bridge height
   9. Shape violin bridge
  10. Carve violin bridge
  11. Sand violin bridge
  12. Finish violin bridge
  13. Repeat violin sound post eleven times
  14. Repeat violin bridge eleven times
  15. Measure cello
  16. Calculate cello bridge/soundpost location
  17. Fit cello soundpost
  18. Fit cello bridge feet
  19. Get cello bridge height
  20. Shape cello bridge
  21. Carve cello bridge
  22. Sand cello bridge
  23. Finish cello bridge
  24. Repeat cello sound post four times
  25. Repeat cello bridge four times
  26. Measure bass
  27. Calculate bass bridge/soundpost location
  28. Fit bass soundpost
  29. Fit bass bridge feet
  30. Get bass bridge height
  31. Carve bass bridge
  32. Sand bass bridge
  33. Finish bass bridge

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted