GTRB 1410: Acoustic Guitar Set-up, Lab

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: *.*
Lab Hours/Week: 6
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

This course covers the diagnosis, set up, and adjustment of acoustic guitar action and intonation. This includes diagnosis, truss rod adjustment, nut and saddle adjustment and replacement, and bridge regluing and replacement. (Prerequisites: GTRB 1400) (Concurrent: GTRB 1414) (3 credits: 0 lecture/3 lab)

B. COURSE EFFECTIVE DATES: 02/06/2009 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Diagnose action and set up problems
2. Make new guitar nuts
3. Make saddles
4. Make and reglue bridges
D. LEARNING OUTCOMES (General)
   1. Remove guitar nut
   2. Clean nut slot
   3. Fit nut
   4. Adjust 6str. nut slot spacing
   5. Adjust nut slot depth
   6. Make 2nd guitar nut
   7. Make 3rd guitar nut
   8. Make 4th guitar nut
   9. Adjust 12str. nut slot spacing
  10. Clean and adjust a nut shelf
  11. Fit guitar saddle
  12. Adjust saddle height
  13. Make 2nd guitar saddle
  14. Make 3rd guitar saddle
  15. Adjust acoustic guitar intonation
  16. Copy acoustic guitar bridge outline
  17. Drill bridge pinholes
  18. Copy acoustic guitar bridge profile
  19. Check acoustic guitar bridge copy
  20. Make 2nd bridge copy
  21. Make pyramid or classical bridge copy
  22. Fit bridge pins
  23. Identify top split runnout
  24. Remove acoustic guitar bridge
  25. Reglue bridge
  26. Perform 2nd acoustic guitar bridge reglue
  27. Perform 3rd acoustic guitar bridge reglue
  28. Perform 4th acoustic guitar bridge reglue
  29. Adjust truss rods
  30. Install acoustic steel string guitar strings
  31. Install classical guitar strings
  32. Adjust archtop guitar action and intonation
  33. Demonstrate reliability
  34. Clean assigned shop areas
  35. Maintain clean organized safe bench space

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

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted