

Minnesota State College Southeast

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