GTRB 2402: Guitar Repair Shop

A. COURSE DESCRIPTION

Credits: 4
Lecture Hours/Week: 1
Lab Hours/Week: 6
OJT Hours/Week: *.*

Prerequisites:
This course requires all four of these prerequisites
- GTRB 1440 - Acoustic Guitar Construction Lecture
- GTRB 1445 - Acoustic Guitar Construction Lab
- GTRB 1450 - Introduction to Finishing
- GTRB 1455 - Guitar Repairs

Corequisites: None
MnTC Goals: None

This course covers more advanced fretted instrument repairs such as neck and headstock crack, top, back, side, and brace crack repairs, splines, patches, fretwork on non-adjustable necks, and neck resets. Bridge plate removal and techniques for flattening acoustic tops will also be discussed. Completing basic set ups and repairs in a timely manner with professional quality, estimating parts, materials and labor will also be practiced. (Prerequisites: GTRB 1440, GTRB 1445, GTRB 1450, GTRB 1455) (4 credits: 1 lecture/3 lab)

B. COURSE EFFECTIVE DATES: 03/15/2017 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Perform more advanced stringed instrument repairs
2. Perform everyday set-ups and repairs
D. LEARNING OUTCOMES (General)
   1. Demonstrate professional conduct
   2. Demonstrate focused work ethic
   3. Demonstrate reliability
   4. Make nut and saddle
   5. Set up an electric guitar
   6. Perform a fret job
   7. Reset an acoustic neck with a dovetail neck joint
   8. Perform bridge plate repairs
   9. Perform a simple and complex headstock crack
  10. Diagnose, estimate and perform an additional $600.00 worth of repairs
  11. Diagnose repairs
  12. Estimate repair materials costs
  13. Estimate repair labor time
  14. Maintain a log of all repairs
  15. Diagnose repairs
  16. Estimate repair labor time
  17. Estimate repair materials costs
  18. Hand bend a guitar side
  19. Maintain a log of all repairs
  20. Make a knife handle
  21. Make micro chisels
  22. Patch a side hole
  23. Refret a non-adjustable neck
  24. Repair a neck crack
  25. Repair top, back, and side cracks
  26. Reset a neck
  27. Set up an acoustic guitar
  28. Spline a top crack

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

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted