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