

Minnesota State College Southeast

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