

# Minnesota State College Southeast

## GTRB 1414: Guitar Overview Topics

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers the identification of guitar parts and materials, adhesives, and abrasives, set-up and adjustments diagnosis, some history of the instruments. This course will also cover elements of the design of an acoustic guitar, concentrating on the design and material choices that affect the sound of the guitar. (Corequisites: concurrent enrollment in GTRB1410 and GTRB1415) (3 credits: 3 lecture/0 lab)

**B. COURSE EFFECTIVE DATES:** 01/28/2014 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Learn guitar building and repair related terminology
2. Understand acoustic and electric guitar set-up and diagnosis
3. Identify woods, wood surfaces, and wood movement due to humidity changes
4. Demonstrate knowledge of guitar history, developments, and vintage instruments
5. Learn design and material elements that affect the sound of an acoustic guitar
6. Make design and material choices for the acoustic guitar build Spring Semester
7. Demonstrate professional conduct, work ethic, and reliability

#### **D. LEARNING OUTCOMES (General)**

1. Demonstrate professional conduct
2. Demonstrate focused work ethic
3. Demonstrate reliability
4. Access D2L regularly for assignments and grades
5. Identify steel string acoustic guitar parts
6. Identify electric guitar parts
7. Identify electric guitar bridge types
8. Identify electric guitar tremolo bridge parts
9. Identify important electric guitar developments
10. Identify common acoustic guitar top woods
11. Identify common guitar woods
12. Diagnose electric guitar action
13. Diagnose acoustic guitar action
14. Explain intonation compensation
15. Understand wood movement
16. Identify the surfaces/faces of a piece of wood
17. Identify wood split run-out
18. Identify adhesives, their properties, and uses
19. Identify abrasives, their properties, and uses
20. Research vintage guitar prices
21. Identify important acoustic guitar developments
22. Identify sound effecting guitar components
23. Identify top wood considerations
24. Identify back and sides wood considerations
25. Describe top wood grading process
26. Describe top wood grading process
27. Identify Gibson bracing system
28. Identify Martin X-bracing system
29. Identify Larivee system
30. Identify Lowden bracing system
31. Identify guitar top movement
32. Identify component change effects
33. Identify design and wood selection process
34. Attend critical guitar listening
35. Complete guitar to be built planning
36. Design electric guitar headstock
37. Research guitar repair pricing

#### **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted