

Minnesota State College Southeast

GTRB 1430: Guitar Acoustics

A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: 1

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will be a study of the elements of the design of a guitar, concentrating on the design and material choices that affect the sound of the guitar, but also discussing playability, and esthetics. This course will include a brief look at some other acoustic string instruments such as resonator guitars, dulcimers, banjos, and mandolins. There will also be performances by professional musicians.
(Prerequisite: None) (1 credit: 1 lecture/0 lab)

B. COURSE EFFECTIVE DATES: 02/06/2009 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Identify sound effecting guitar components
2. Identify top wood considerations
3. Identify back and sides wood considerations
4. Describe top wood grading process
5. Identify x-brace system guitar braces
6. Identify Gibson bracing system
7. Identify Martin X-bracing system
8. Identify Larivee system
9. Identify Lowden bracing system
10. Identify guitar top movement
11. Identify component change effects
12. Identify design and wood selection process
13. Observe guitar tasting
14. Attend critical guitar listening
15. Complete guitar-to-be-built planning

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted