GTRB 1440: Acoustic Guitar Construction Lecture

A. COURSE DESCRIPTION

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

Prerequisites:
This course requires all five of these prerequisites
GTRB 1400 - Introduction to Tools
GTRB 1410 - Acoustic Guitar Set-up, Lab
GTRB 1414 - Guitar Overview Topics
GTRB 1420 - Acoustic Guitar Neck Resets
GTRB 1425 - Fretwork

Corequisites: GTRB 1445 and GTRB 1450 and GTRB 1445

MnTC Goals: None

This course will cover the steps in building a flattop guitar, either steel string or classical. (Prerequisites: GTRB 1400, 1410, 1414, 1420, 1425, and concurrent enrollment in GTRB 1445 and GTRB 1450)  4 Cr (4 lect/pres, 0 lab, 0 other)

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Attend all lecture/demonstrations
2. Record instrument specifications
3. Complete problem solving assignments

D. LEARNING OUTCOMES (General)

1. Record guitar body specs
2. Complete written assignments
3. Observe x-brace notching demonstration
4. Observe head and tail block demonstrations
5. Determine desired neck angle
6. Observe back gluing demonstration
7. Observe binding and purfling installation demonstration
8. Observe headstock shaping demonstrations
9. Observe neck shaping demonstration
10. Observe top thickness adjustment demonstration
11. Observe fitting/gluing demonstration bridge
12. Evaluate finished guitar
13. Calculate and record guitar neck specs, including neck extension height
14. Observe demonstrations
15. Review guitar set up and fretwork information
E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted