

Minnesota State College Southeast

GTRB 2432: Advanced Construction Project

A. COURSE DESCRIPTION

Credits: 9

Lecture Hours/Week: 2

Lab Hours/Week: 14

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 2402 - Guitar Repair Shop

Corequisites: None

MnTC Goals: None

In this course the student will build the guitar they have designed and made templates and molds for in GTRB 2410, 2415, & 2420. Time management and problem solving will be crucial skills used and developed in this course. (Prerequisites: GTRB 1440, GTRB 1445, GTRB 1450, GTRB 2400, GTRB 2410, GTRB 2415, GTRB 2420; Concurrent enrollment in GTRB 2435) (9 credits: 2 lecture/7 lab)

B. COURSE EFFECTIVE DATES: 03/15/2017 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Construction of the instrument designed in fall semester Computer Drafting for Guitar class

D. LEARNING OUTCOMES (General)

1. Review and update the guitar building plan and timelines
2. Complete the instrument as designed
3. Perform advanced inlay using CAD and CNC methods
4. Demonstrate reliability
5. Use safe shop practices
6. Clean up

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted