

Minnesota State College Southeast

GTRB 1415: Electric Guitar Set Up, Lab

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers the diagnosis, set up, and adjustment of electric guitar action and intonation. This includes diagnosis, truss rod adjustment, nut, bridge, and saddle adjustment and replacement, and bridge replacement. (Prerequisites: GTRB 1400) (Concurrent: GTRB 1414 & GTRB 1425) (3 credits: 1 lecture/2 lab)

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Identify electric guitar components
2. Understand component function
3. Demonstrate wiring skills
4. Demonstrate set-up skills

D. LEARNING OUTCOMES (General)

1. The student will adjust guitar intonation. Performance will be satisfactory if the adjustments are within 2 cents.
2. The student will adjust string height with the bridge/saddles. Performance will be satisfactory if heights are adjusted and the adjustments are consistent with the action adjustment checklist.
3. The student will adjust truss rods. Performance will be satisfactory if truss rods are adjusted and the neck bow is correct.
4. The student will make the wiring harness. Performance will be satisfactory if wiring harness is made with quality solder joints, correct color coding, clean/neat wiring, and the making is consistent with wiring diagram provided.
5. The student will demonstrate reliability. Performance will be satisfactory attendance is 90% or better and projects are completed by the assigned date.
6. The student will clean assigned shop areas. Performance will be satisfactory if shop areas are cleaned and the cleaning receives a rating of acceptable from the instructor.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted