

Minnesota State College Southeast

VLNR 1325: Bow Repairs

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 0

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This class covers several kinds of grips, tip plate replacement, eyelets and frog and stick cracks. Materials identification and history of the modern bow are included. (Prerequisite: none) (2 credit: 0 lecture/2 lab)

B. COURSE EFFECTIVE DATES: 03/01/2018 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Install new eyelet
2. Adjust eyelet
3. Make leather-on-leather grip
4. Replace plastic whalebone winding
5. Replace wire winding
6. Solder wire bow grip
7. Make leather thumb grip
8. Repair bow stick crack
9. Reinforce bow stick crack
10. Repair frog crack
11. Diagnose bow camber problem
12. Recamber bow
13. Unwarp bow
14. Remove tip plate
15. Clean bow tip face
16. Bend new tip plate
17. Fit new plastic tip plate
18. Glue new plastic tip plate
19. Shape new plastic tip plate
20. Cut plastic tip plate mortise
21. Fit new bone tip plate
22. Glue bone tip plate
23. Shape bone tip plate
24. Cut bone tip plate mortise
25. Polish tip plate
26. Fit pearl part
27. Identify quality bow materials
28. Identify quality bow characteristics

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted