

LEARNING TRADE SECRETS WORKSHOPS

Introduction to Bow Making Syllabus

Suggested Enrollment Cap: 12

COURSE INFORMATION

Course Description: Students interested in learning to make bows will find this hands on course very thorough and challenging. This course is for those who have accomplished rehairing and repairing bows and wish to further their knowledge of bows or broaden their skills and income. By the end of the week, students will have learned how to rough out sticks, camber and straighten, shape and finish bow sticks. Demonstrations will show students techniques for a repeatable process.

Course Objective: The week is devoted to the woodworking elements of bow making only. The student will learn how to properly plane and camber a stick in the style of Tourte, carve and shape a corresponding head, carve mortises, fit a frog and button, and finish and polish the stick.

Course Topics: Course topics will include types of wood, gauging the viability of a stick blank, round vs. octagonal sticks, style, camber, and other bow related topics. Also a discussions on how strength and weight affect playability. All questions will be answered.

RESOURCES AND SUPPLEMENTARY MATERIALS

Materials: A photo essay is provided to each student as a visual reference for assistance during the workshop. Bow schematics are provided for students to add measurements and other notes. These are reusable for the student's purposes only and not for resale.

Tools: Tools are expensive and take knowledge to prepare and maintain. We encourage students to bring their own planes, knives, chisels, calipers and files, however a tool box is provided with some tools ready for use during the week should the student be new to bow making. All tools must be returned prior to leaving the workshop. Reference books are available for viewing.

INSTRUCTOR INFORMATION

Instructor Rodney D. Mohr and **Assistant Instructor Katherine Mohr**, are happy to answer any questions after the workshop. Please contact Rodney at Rodney@RodneyMohr.com or Katherine at filledeMohr@gmail.com. Join Katherine's Facebook page for Violin Business Professionals.

For additional course offerings visit www.LearningTradeSecrets.com or
Contact Us at LearningTradeSecrets@gmail.com.

PARTICIPATION AND INSTRUCTIONS

Participation: Some students have previous experience and are attending workshops to refine their skills. New students are expected to communicate with the instructor(s) as a learning resource, not other students.

Punctuality: Students are expected to arrive on time and complete the daily milestones as they co-ordinate with the daily course calendar. Teaching hours are 8:00 - 5:00pm. Additional evening hours may be available at the instructor's discretion.

COURSE CONTENTS

Contents: The contents of this course include the following topics:

Choosing wood and determining viability

Camber and style

Fitting frog and button to stick

Staining and polishing stick

Chamfers

Cutting mortises

Stick graduations and bow weight

COURSE GROUND RULES

Syllabus Changes: While every attempt has been made to prepare this syllabus and class schedule in final form, it will be at the instructor's discretion to make any changes as he/she may deem necessary in order to meet the learning outcomes of the course.

General Policies: The instructor expects attention to detail and meeting course expectations, including participation in discussions and addressing technical problems immediately.

Phones: Please be courteous to your bench partners by silencing your cell phone during work hours and taking calls outside the workshop.

Tools: Do not borrow tools without permission. Everyone should have all the tools and supplies they need; if not please ask your instructor.

Safety Concerns: Injury is possible when using cyanoacrylate glue, therefore each student has been provided a pair of safety glasses for use during the course to help prevent eye injury. A First Aid and Eye Wash Station also are available should injury occur. Should an injury occur, please see your instructor immediately and then dial 9-1-1. Any injury requires a completed Injury Form located on the clip board next to the eye wash station. Your safety and well-being is our number one priority.

COURSE CALENDAR

These topics and milestones are subject to change at the discretion of the instructor.

DAY	TIME	AGENDA/TOPIC	MILESTONES
SUNDAY	5:00pm	Arrive	
	5:30pm-6:00pm	Pizza Party & Get Acquainted	
	6:30pm-8:00PM	Tool Sharpening and Workshop Preparation	All tools are sharp and ready to go for Monday
MONDAY	8:30am	Introduction and Overview	
		Discussion on Wood	
		Discussion on Camber & Style	Stick is ready for tip
		Rough-out and Camber Stick	
		Start on 2nd stick if time	
TUESDAY	8:30am	Put on Tip	Tip is on
		Preliminary Shaping of Head	Profile of head is finished
		Start on 2nd stick if time	Stick is ready to fit frog
WEDNESDAY	8:30am	Fit Frog	Frog is fit to stick
		Cut Mortise	Mortise is cut
		Drill Screw Hole	Button screws into frog eyelet
THURSDAY	8:30am	Discussion on Bow Weight	
		Graduate Stick	Stick graduations are finished
		Round Stick if Needed	Stick is rounded and weight is acceptable
FRIDAY	8:30am	Final Head Shaping & Chamfer	Finish stick & prep for polish
		Sand	Stick is finished and ready for polish
		Polish	If stick is finished, add wrap & thumbgrip
	5:00	Start cleaning and packing up	