



Chair, Wendell Castle



Apple Holder, Christina Reid Strachoff



Woman, Leonard Baskin

Woodworking Special Projects: Lamination (Draft)

Fall 2024

Class Description

R 3/22/22

Faculty and Staff:

Bob Leverich Visual Arts and Sustainable Design, 3253 Lab II, 360 349 9042, leverich@evergreen.edu

Don Jensen Wood & Metal Shops Instructional Technician, 0111 Art Annex, 360 867 6228 jensend@evergreen.edu

Elisa Brown Wood Shop Aide

Registration: This program is open to all students. Interested students are welcome to contact Bob or Don by email (listed above) prior to registering, or during the first week. Some prior woodworking experience will be helpful but is not mandatory.

Credit: This is a 4-credit EWS course, requiring a time commitment of at least 10-15 hours per week! In addition to the Tuesday night class from 6-10 PM, you are required to attend and sign in for at least one Open Shop session per week. Credit will be awarded in Woodworking: Introduction to Lamination

Course Description and Goals: This class will address designing, making, and building functional and expressive wood forms with laminations – volumetric and linear elements made up of layers of wood glued together under pressure. Students will learn lamination processes by making stack laminated and bent laminated forms for use in small table-top functional objects. Students will learn how to sequence operations to make each piece, including the use of clamps, molds, and jigs required to make laminated elements. They will learn how design, technical, and material constraints can lead to creative solutions. They will advance their hand and power tool skills, learn specialized cutting and shaping procedures appropriate to the projects, and develop their knowledge of sustainable wood sourcing and use. Each student will acquire a deeper understanding of how mind, hand, and tools work together to shape wood into forms that are expressive and useful.

Class Components:

Woodworking and Design Studio – Students will learn to make a small stack laminated fruit tray and a bud vase incorporating a bent lamination with a test tube, using designs, tools and materials provided. A third smaller project will involve one or the other of these lamination processes to make a cooking- or eating-related to make a small gift, for exchange at the end of the quarter. You will develop your design for the gift, with sketches and construction drawings, and then make and finish it. All the projects will involve learning about simple lamination processes, shaping and joining, ornamentation, assembly, and sanding and finishing.

Research and Writing – We'll ask you to do some basic readings, research, and writing about sustainable wood use, tools and techniques, and dimensions of craft. Writing will include brief responses to the short readings and videos posted online most every week, and a brief synthesis essay reflecting on the readings and your studio work. Please have a sketchbook/notebook on hand to regularly record your ideas and notes. Bring it to class with you!

Evaluations and Critical Assessment – We'll ask you to take an active role in discussions and reviews during class, learning to think carefully about what makes good work good – others' work and your own. At quarter's end, we will ask you for a brief self-reflection on your work and learning. (You get to decide whether to submit a self-evaluation – take advantage of the opportunity to put your own voice in your transcript!)

Books and Readings – Readings about wood, woodworking tools and techniques, design, and ideas about functional and expressive forms in wood will be posted online on the course's Canvas site. This is a hands-on class, not an online one, but you are responsible for checking the Canvas site regularly! A textbook is not required for this class, but here are some good basic introductions to woodworking that you might consider owning.

Wood and Woodworking:

Albert Jackson, David Day, & Simon Jennings: The Complete Manual of Woodworking. New York, NY: Alfred A. Knopf, 2011. ISBN 978-0-679-76611-7

Bruce Hoadley: Understanding Wood: A Craftsman's Guide to Wood Technology. Newtown, CT: Taunton Press, 2000. ISBN 978-1561583584

Eric Sloane: A Reverence for Wood. New York: Ballantine, 1965, 1973. ISBN 0-345-31991-5

Peter Korn: Woodworking Basics: Mastering the Essentials of Craftsmanship. Newtown, CT: Taunton Press, 2003. ISBN 978-1-56158-620-2

Carving and Lamination:

Wendell Castle & Bruce Erdman: The Wendell Castle Book of Wood Lamination. New York, NY: Van Nostrand Reinhold, 1980. ISBN 978 0442214784

José Teixido & Jacinto Santamera: Woodcarving: A Beginner Friendly Step-by-Step Guide to Sculpting Wood. Skyhorse, 2021. ASIN: B07MDD6K2BS

Canvas Site – Yes there is one, and as noted, you should check it regularly for documents and assignments, readings, resources and announcements.

Field Trips – No class field trips are scheduled this quarter, but we may suggest that you get out on some short solo rambles to different spots.

Expenses: A \$130 required fee will be assessed to your student account, to cover the basic wood for the course projects plus shared resource expenses. If you want to make more projects, or want to use more extensive or exotic materials, we can discuss additional costs... but it's best to start simple, master the tools and processes, and give yourself time to finish well! All necessary tools will be provided for you, but you may want to purchase some of your own after trying things out.

Typical Weekly Schedule (Be Alert for Changes!):

Monday	Tuesday	Wednesday	Thursday	Friday
Mornings – Closed (Typ.)				
1-5 Open Shop	1-5 Open Shop (Starting Week 2)	2-5 Open Shop (Starting Week 2)	1-5 Open Shop (Starting Week 2)	1-5 Open Shop (Starting Week 1)
5:30-8:30 Open Shop (Proficiencies in Wks. 2 & 3)	6-10 PM OUR CLASS!	5:30-8:30 Open Shop (Proficiencies in Wks. 1,2&3)	6-10 PM (The Other Class, Not Us!)	

Note: Proficiencies Schedule will be confirmed in Week 1.

FIRST CLASS: 6 PM, Tuesday, March 29, 2022, in Art Annex 0110 (Wood Shop Atrium)