

Expo Richmond Educational Session:

Understanding Wood as a Raw Material

441 International Drive, Sandston VA 23150

May 20, 2021

Description

Is this the right wood for my application? Why is moisture content so important? Having difficulty in determining what species you have actually been sent? Familiar with manufacturing but not with wood? This short course provides an introduction to wood as a raw material for manufacturing. We will cover the relationships of wood and water and teach simple methods to differentiate between species.

Participants will have the opportunity to engage in hands-on application of the tools and methods discussed. All materials will be provided, all you need to do is show up with enthusiasm to learn!

Who should attend?

Architects, engineers, contractors, wood manufacturers, and hobby woodworkers

Instructors

Briand Bond, Virginia Tech

Henry Quesada, Virginia Tech

Registration: \$100. Includes materials and coffee breaks. To register, please [follow this link](#)

Program

- 8:00 a.m. Welcome and introductions
- 8:15 am. Introduction to Wood Anatomy
- 9:00 am. Wood and Water
- 10:00 Break
- 10:15 am. Measuring Moisture Content
- 11:15 am. Coping with wood Movement
- 12:00 pm. Lunch (on your own)
- 1:30 pm. Introduction to wood identification
- 2:30 pm. Break
- 2:45 pm. Softwood anatomy and hardwood identification
- 3:45 pm. Applications
- 5:00 pm. Adjourn

Contact Information:

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Web page https://sim.sbio.vt.edu/?page_id=2616 for more details