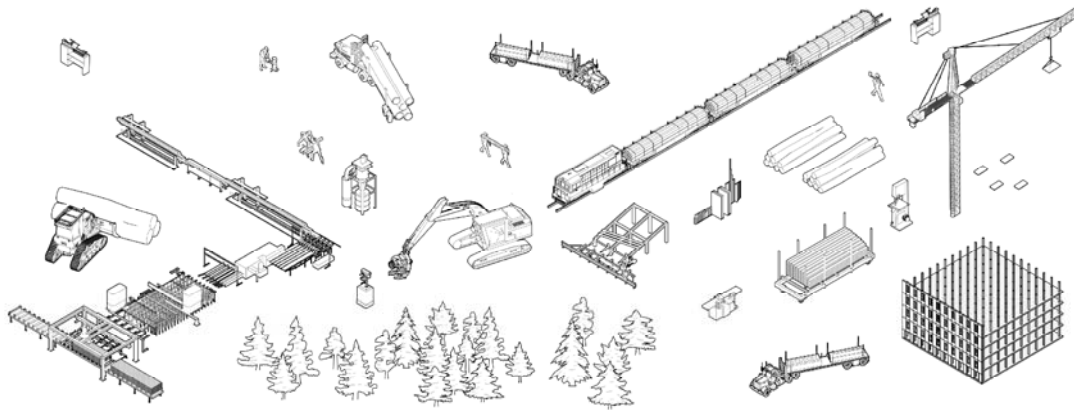


**ARC2014: Design Studio 4 – Comprehensive Building Project
Winter 2022
Course Coordinator: Sam Dufaux**

Instructor: Brigitte Shim



Cover image showing stages of mass timber and cross laminated timber (CLT) construction from Daniels [Studio Series] *Places of Production: Forest and Factory*, University of Toronto, 2021. Faculty Advisors: Brigitte Shim and Robert Wright.

This studio is an opportunity to explore the critical link between forestry and design utilizing mass timber and CLT engineered wood construction for a complex urban multi-story building program situated in the heart of Manhattan, New York. Students selecting this studio will work with a sustainable resource – wood – and its automated production resulting in a variety of innovative approaches to contemporary building integrating sustainability into all aspects of your design thinking.

During the current global pandemic, we have all had to re-evaluate our own relationship to public space. This studio poses several critical questions. Can architects design places that create the potential for diverse social communities to interact? Can designers encourage a dynamic coexistence of activities that results in spaces for unprecedented planned and unplanned events? Can architects create meaningful community gathering spaces that are interwoven into our daily lives?

Students selecting this studio will be asked to explore and interrogate the design of an urban building using mass timber as its primary construction material and simultaneously are asked to reimagine the vital role of public space within buildings in a dense urban metropolis.