

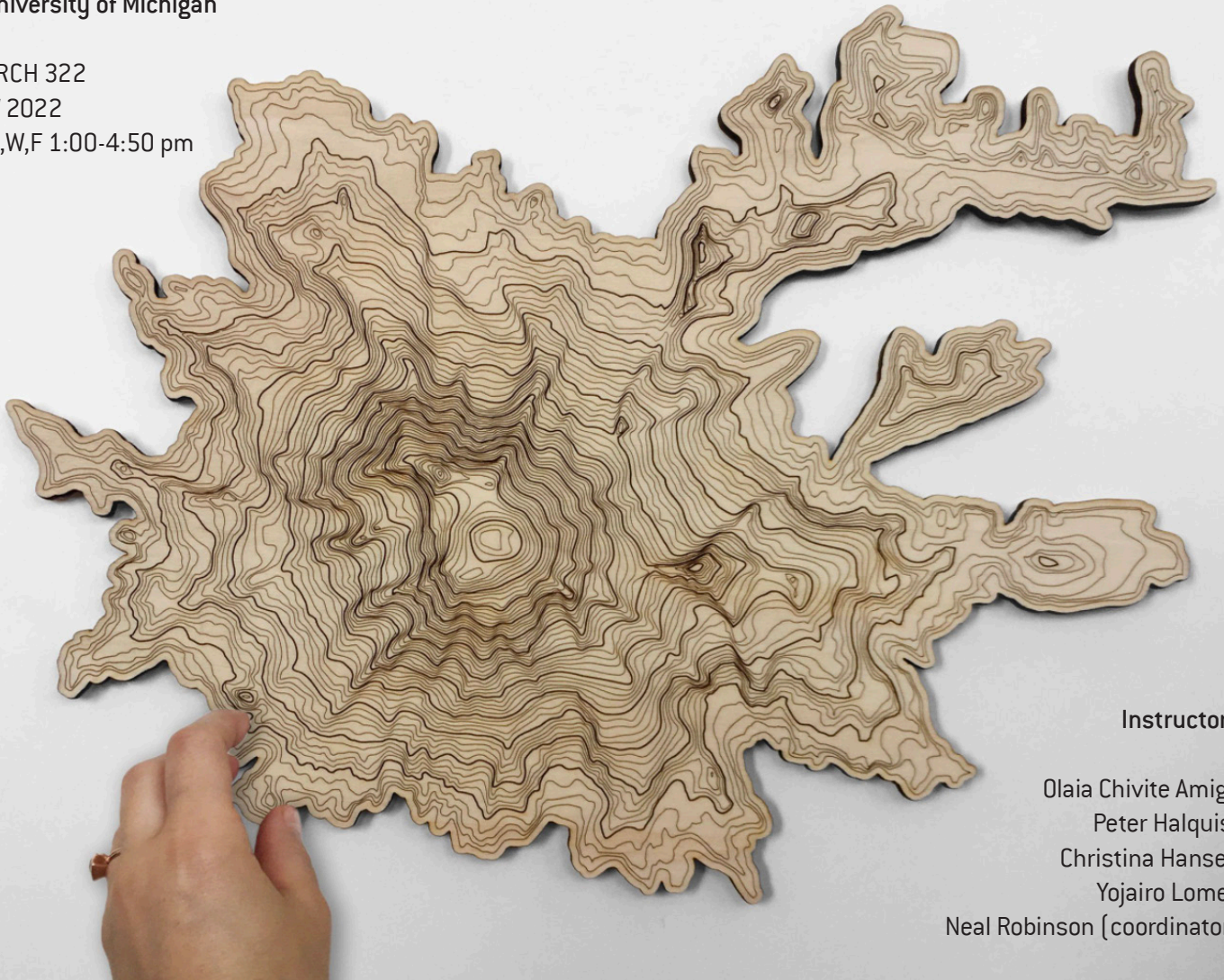
Taubman College of Architecture & Urban Planning

University of Michigan

ARCH 322

W 2022

M,W,F 1:00-4:50 pm



Instructors

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Peter Halquist

Christina Hansen

Yojairo Lomeli

Neal Robinson (coordinator)

Course Overview

As a continuation of Arch 312, this course focuses on the social and physical contexts in which we build, how people perceive the occupied environment, how buildings fit contextually into existing circumstances, and how outdoor spaces relate to built forms. The work to be undertaken includes both analysis of existing examples and synthesis incorporating the many dimensions of architectural environments in design. The course concludes with a design of a free-standing building of modest scale and complexity. The final building will address specific topographical challenges and incorporate universal accessibility practices.

This course will focus on developing the following skill sets:

1. Students will learn how to understand existing topographic conditions and how to propose alterations (cut / fill) that contribute to the design of a site and a building's relationship to it.
2. Students will learn how to analyze environmental conditions (light, climate, water drainage, etc.) and will demonstrate this understanding in a building proposal that provides natural light, seasonal flexibility of climate controlled spaces and sensitive siting.
3. Students will learn how to study examples of similar buildings relative to how each example is sited, programmatically organized, spatially organized and constructed and demonstrate this understanding in a graphic format.
4. Students will learn how to develop design proposals with a given program and will demonstrate this understanding at three scales in drawing form : the scale of the body, the scale of the building and that of the site.