ARCH 4/576 Fall 2023
Residential Construction -
OregonBILDS Fall Design/Build Seminar - Details
Tuesday/Thursday 2:00-3:50pm in 278 Lawrence Hall & BILDS Workshop
Instructor: Clay Neal, cneal@uoregon.edu

It is imperative in the study of design to grapple with the relationship between the stroke of a pen (or click of a mouse) and its physical manifestation in space. Understanding the literal capacity of and potential for materials and the connections between them strengthens a designer’s relationship between the imaginative and the possible.

Students in this seminar will use a design/build framework to expand upon the residential design developed by ARCH 4/585 OregonBILDS studio in Spring, 2023. We will examine the existing design and, as a class, determine opportunities for detail development. Simultaneously, students will pursue brief, materially-based design exercises that are initiated from hands-on construction. Students will then select details to develop and prototype either individually or as a group throughout the rest of the quarter. Opportunities for design development include:

- Site shelters
- Built-in casework
- Timber connections
- Innovative applications of traditional materials
- And more

The format of the course will include lectures on construction and design detailing, drawing and fabrication assignments, field trips, and significant time in the BILDS fabrication shop.
This course satisfies an Advanced Technology requirement.