BUILDING CONSTRUCTION

Department of Architecture
University of Oregon
ARCH 4/570
Lecture: Tu/Th 8:30-9:50, LA 177
Lab: various
4 credits

Course Description
This course is designed to provide students with an introduction to building construction systems in terms of material properties (performance, environmental context) and methods of assembly (design, function). Students will engage these topics through detail drawing and model making, and in building material assembly analysis for thermal, environmental, and economic performance. The course will be conducted in a lecture plus lab format, and will include readings, field trips, lab projects, and lab discussions.

Eligibility
This is a required course for professional majors in the Department of Architecture. Architecture undergraduate students (ARCH 470) are required to have completed two terms of studio and graduate students (ARCH 570) are required to have completed one term of studio in advance of taking this course. The course is also open to graduate students in Historic Preservation and Environmental Studies with instructor approval.

Instructor: Erin Moore, Associate Professor, *moore2@uoregon.edu*