ARCH 4/570: BUILDING CONSTRUCTION
The Art of Building

Professors: Rob Thallon
Associate Professor
office: 371 Lawrence Hall
office hrs: Tu, 3:30-4:30
telephone: (541) 346-3646
thallon@uoregon.edu

+ TBA

Lectures: Tu/Th 8:30-9:50, Room 177 Lawrence

Labs: Each student will attend one two-hour lab per week. Labs will be scheduled at a later date.

Credits: 4 Credit Hours, required for professional majors in Architecture.

Prereq’s: Undergrads (470) are required to have completed two terms of studio. Grads (570) are required to have completed one term of studio.

Course Content:
Through lecture presentations, readings, field trips, lab projects, and lab discussions, this course will explore fundamental principles of building structure and construction. This includes an introduction to steel frames, concrete, masonry, and heavy timber frames. In addition, light wood frame construction will be studied in some detail because of its predominance in our building culture. This emphasis on a single system will establish a foundation for further study of larger scale systems in subsequent courses. Students will be asked to complete several projects, including the analysis of existing buildings and construction of detailed models. The importance of quality and craft will be stressed throughout the course.

In addition to the content above, graduate students will delve into the philosophy and ideas of structure, construction, and architecture by doing in-depth projects and with additional readings.