Building Construction
ARCH 470 / 570

Instructor: Tom Hahn
Lecture: Tu/Th 8:30-9:50, CHA 220
Lab: see schedule for days, times
4 credits

Description
This course is designed to provide students with an introduction to building construction systems in terms of material properties (qualities, components, and performance, environmental and building code contexts) and their methods of assembly (organizational, constructability, finish and detailing considerations). Students will engage these topics through construction system layout and detail drawings and model making, and in building wall and roof assembly design and analysis, based on quantitative, environmental, and economic factors. The course will be conducted in a lecture plus lab format, and will include readings, field trips, exams, projects, lab exercises and 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 design studio, and graduate students (ARCH 570) are required to have completed one term of design studio, in advance of taking this course. The course is also open to graduate students in Environmental Studies with instructor approval.