Residential Design and Construction

Description
This course will explore the basic principles of residential wood-framed construction and take a hands-on look at how the technical design of systems is manifest in the built work. Through readings, discussions, job-site visits and actual building, you will become confident in traditional wood-framed construction techniques, understand what you are drawing and why, and become empowered to logically design and analyze systems that will increase both material use efficiency and envelope performance efficiency.

Format
Mondays and Wednesdays will be discussion and field trip days, while Saturdays will be hands-on project workshops at the CASL house to put into practice the principles you are learning.

This course will provide 4 credits and satisfy the technical option in Architecture. You must be a 3rd year undergrad, 2nd year option 3 grad or an option 2 grad to register for this course.

Grading
Graded or pass/no pass.

Instructor
David R. Schmitz, AIA
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