OregonBILDS: Sustainable Construction at the Building Site
Linking Construction to Design Through Practical Experience

Professor: Rob Thallon, Associate Professor
371 Lawrence Hall, thallon@uoregon.edu

Schedule: MWF 8-12 or MWF 1-5 or UHS 8-12 or UHS 1-5 plus M 12-1 or H 12-1

Format: A hands-on residential construction course that integrates construction practice with design. Students will spend 12 hours per week at the construction site or the project shop plus one hour in class on campus. There will be minimal reading as homework.

Prereq’s: 3rd year undergrads or 2nd year Track 1 grads or any Track 2 grads are eligible

Credits: 4 Credit Hours: satisfies advanced technical requirement in Architecture.

Grading: P/N

Course Description
The hands-on course will focus on the basic principles of residential construction at the construction site. Students will be building an affordable, sustainable house designed by the fall term OregonBILDS studio. The course will be taught through presentations that lead to first-hand construction experience – a unique opportunity for students to translate theory into practice. Student-led project teams under the direction of experienced professionals will learn about foundations, framing, enclosure, plumbing and electrical work through doing that work themselves. Student teams will resolve on-site design problems in collaboration with the instructor and construction professionals. Sustainability and environmental responsibility will be discussed in relation to materials, systems, and methods.

Primary Texts