ARCH 484/584 Architecture Design Studio
Winter 2009, Credits: 6  Time: MWF 1:00 to 4:50 pm
University of Oregon, Department of Architecture – Eugene

Studio Project: Eugene Living Building Center
Visiting Associate Professor: Kelcey Beardsley, IDEC

PROJECT DESCRIPTION:
Cascadia Region Green Building Council, the regional branch of USGBC, has adopted the “Living Building Challenge”. Developed by Jason McLennan, the Challenge is a set of sustainability standards more comprehensive than LEED.

The goal is to inspire: “Imagine a building informed by its eco-region’s characteristics, and that generates all of its own energy with renewable resources, captures and treats all of its water, and operates efficiently and for maximum beauty.”

This studio will apply the living building goals to an adaptive remodel of an older building into a sustainable living center for citizens of Eugene.

STUDIO OBJECTIVES:
To explore the application of sustainable building systems to an existing building and adaptive reuse remodel.

To understand measures required to achieve net zero energy and zero negative impact on the living environment.

To explore individual values and commitments in relation to our built environment, standards of living, and the natural environment.

COURSE REQUIREMENTS:
Keep a sketchbook journal in which to record analytical and sketch explorations of places visited during class time.
Participate in weekly discussions of environmental and habits of living issues.
Enjoy two field trips while recording basic information and observations.

DECEMBER PREPARATION:
• Read through and familiarize yourself with the Living Building Challenge. Find the full document on the Cascadia GBC web site: http://www.cascadia gbc.org/
• Choose a reference from the Living Building Challenge reference list and read it.