Fabric Architecture

Material Definitions of Structure and Space

Architectural Design Studio
Meeting Times & Location: MWF 1 - 4:50 | TBD

This studio will explore the use of Fabric in Architecture. We will be exploring how fabric structures might be used in the design of a resort in a sensitive Oregon wilderness area. Students will investigate the use of fabric in architecture through case studies, readings, and small design projects leading to the design of a 70,000 SF resort. Teamwork and collaboration will be encouraged in the design of the resort structure. Select students will be able to submit their projects to the 2012-2013 ACSA/FSA Fabric in Architecture Student Design Competition. Students will be expected to communicate and test their design intentions through various means of simulation and representation including form-finding, digital modelling and physical mock-ups. There will likely be corresponding tutorials throughout the term in the use of digital form-finding software to assist in the development of appropriate structural forms. As a result, students will benefit from having access to a Windows operating system on their computers.