ARCH 610, Design Communication II (Intro to Computing)
Course, Time, Location: ARCH 610, Fall 2013; Monday and Wednesday, 10:00 am-11:50 am, LA 278, 279, 206
Instructor: Philip Speranza, speranza@uoregon.edu

“Id like to think that we are now entering a third, more mature phase in our relationship to digital technology. Thanks in part to a new generation of architects who have been educated entirely within the digital regime, and on the other hand to the first generation of digitally trained architects who have continued to evolve their thinking, the computer is beginning to have a practical impact, beyond the formal or the metaphorical.” - Stan Allen, If…then… Architectural Speculations

Design communication pervades the way design approaches today may be seen as systematic frameworks for participation that evolves through understandings of contextual experience from the bottom-up. This course will investigate design communication methods to explore the human experience of each student’s design intent in three parts: I. qualitative diagramming; II. analog parametrics; and III. digital parametrics. Students will bridge analog and digital media to create systems approaches that are calibrate to existing and proposed conditions. This method of systems thinking allows students to use digital media to apply existing data performative and subjective in nature not as singularities but as systems. The course will introduce theoretical ideas in a lecture format and provide opportunities for one-to-one workshop learning in a studio setting applied to studio design projects.

Software Requirements: Microsoft Windows and Adobe Creative Suite Basic (Photoshop, Illustrator and In-Design).
* The department will provide lab license access to Rhino 4.0 and VRay for Rhino.
Hardware Requirements: please see http://aaa.uoregon.edu/computing/purchasing/student#architecture, PC or Mac.
We strongly recommend: minimum 4-8 + GB RAM, an external monitor, a mouse, ethernet cable. Virtualization software such VMware or Parallels is optional.

"Civic Hydrology," Gowanus Waterwork International Competition, Speranza Architecture + Ivan Kostic and Brian Nguy