ARCH 222, Design Communication II (Intro to Computing)
Course, Time, Location: Spring 2015; T-R, 8-9:50 am, LA 115; Pacific Studios; Labs LA 283M or Millrace 113a
Instructor: Philip Speranza, speranza@uoregon.edu
Graduate Teaching Fellow: Gilberto Villalobos, gvillal2@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. diagrams; II. analog parametrics; and III. digital parametrics. Students will bridge analog and digital media to create systems approaches that are calibrated 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, meet for one hour in small computer lab settings and provide opportunities for one-to-one studio based learning in a studio setting.

Software Requirements: MS Windows & Adobe Creative Suite Basic (PC Preferable) (Photoshop, Illustrator and In-Design).
*The department will provide lab license access to Rhino 5.0 and VRay for Rhino. You must install it to begin the term.
*Hardware and Software Requirements: http://aaa.uoregon.edu/computing/purchasing/student#architecture, PC or Mac.
*We strongly recommend: an external monitor, a mouse, ethernet cable, an external backup drive and min. 8+ GB RAM.
*Virtualization software such VMware or Parallels is optional.
*You must register for an associated one-hour lab section. Thank you.