Imagine Architecture: LAB 101 schedule

Dates: July 10-14
Time: 9am – 4pm
Location: Architecture Building, Carleton University

Monday, July 10

8:45   Meet in Pit, Architecture Building

Theme: Draw & Think
9:00   Lecture: Architecture and the role of Drawing, Modelling and Thinking
Activity: hand/pencil drawing.

12:00   Lunch

Theme: Projection: Shadows
1:00   Lecture: From form "construction" to a flat "shadow" on paper
Activity: Orthographic projections (Plan/section/elevation)

Tuesday, July 11:

Theme: Acquisition of real space into the digital - PhotoScan
9:00   Lecture: Digital capture/acquisition of data/lines/images.
Activity: Students will use cell phones to photograph a space, and then use PHOTOSCAN to create a digital space from these images.

12:00   Lunch

Theme: Atmospheres - from lines to atmosphere
1:00   Lecture: Architectural atmosphere
Activity: Students will add atmosphere in digital space using various features, or animation tools – e.g. adding fog, morning light, rain, snow, darkness, dust, rust, etc. - with an aim to bring light and time into a digital space.

Wednesday, July 12:

Theme: Object Thinking from Idea
9:00   Lecture: Thinking about an object and creating 3D models on the computer.
Activity: Students will work in the computer lab to create a 3D "object".

12:00   Lunch

Theme: Monstrous Models
1:00   Lecture: Materials and the translation from digital drawing to real built objects
Activity: Students will take their digital model and use two materials to bring it into life - one digital (either 3D print or laser cutter) and one by hand.

Theme: Field Trip - Observing the City

9:00   Lecture: What are the ways to read the city: time, weathering, new and old, reuse, decay, patina?
Activity: Students will take the O-Train to Bayview Station where they will walk to the Innovation
Center, then past the Prince of Wales Bridge to the War Museum, then on to the Zibi Showroom to
see the new development of the city at the old heart. They will then return to the school by bus/O-
Train. **Walking shoes required**.

12:00   Lunch

Theme: Cloud Architecture - Blogging about space

1:30   Lecture: Writing about architecture and the use of digital media
Activity: Writing from a specific perspective (e.g. detective, cook, magician, skateboarder, hot air
balloon pilot, etc.), students will create a blog about the hidden Ottawa spaces they have seen to
interpret how different eyes see the same space and its opportunities and magical moments.
Students will post the blog online.

Friday, July 14:

Theme: Theatre

9:00   Lecture: Creating an event using theatrical / architectural tools.
Activity: Using the models, objects, narratives, and digital work from the week, students will create
a "city" of ideas, objects, narratives and moods based on their characters and spaces. This will
include projections, sound, light and objects/characters.

12:00   Lunch
Special Presentation: Carleton's Architecture program and the application process

Theme: Curation and Exhibition

1:30   Lecture: Staging work for viewing.
Activity: Students must work within deadline to exhibit their work. Work must be hung straight,
staged beautifully and curated to create a space and event that will engage the viewer.

4:00   Parents and friends are invited to the Final Event to celebrate the work.

5:00   Workspace clean up.

5:30   Departure.

Note: this schedule is subject to change depending on the progress of the class.