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.
**Thursday, July 13:**

**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.**