**Building Better Boxes in a Culture of Innovation**

An Innovation Series Workshop

September 10, 2015

5:30pm

Ever wonder about 3D printing, fast prototyping, desktop fabrication, wearables, creative circuitry, and everything else associated with popular trends in technology? The inaugural Innovation Series workshop at the New Westminster Anvil Centre will provide a hands-on experience with some of these concepts and machines while connecting members of the New Westminster community with each other and the innovators who work here.

The workshop will feature 3D printing activities, the fabrication of circuitry, prototyping processes, and innovation strategies. Led by members of the Douglas College Digital Cultures Lab, the session will encourage participants to think differently about the mythologies of technology while at the same time facilitating hands-on opportunities with emerging technological objects and tools.

**Schedule:**

**5:35pm Welcome and Introductions – (10 minutes)**

**5:45pm Contextual Introduction - Dave (15-20 minutes)**

**6:05pm Building Boxes (Main Session) (30 -45 minutes)**

*(Explanation: the workshop here breaks up into groups – I’ve done 7, but can easily adjust or omit. Each group will take on a task related to an innovation subject (see below). Some are “fabricators” (people who make things); some are “thinkers” (people who think about processes to make things); some are “supervisors” (people who assess and judge the outcomes of what’s being made). I’ve only divided things into two main subsets here b/c it’s easier to see how things connect. Hopefully, at the end of the session, everyone will have had a change to see what it would be like to “make” something and have some idea of what encounters at certain levels (prototype, manufacture, concept, etc.) look like. This can be scaled to business or to the hobbyist who wants to make hats at home using a 3D printer. People will be encouraged to move around the room and jump in and out of sections. There will be several members of the Lab moving around pushing people to move around and think about what they’re doing—lots of direction where needed in other words.*

*In the end, we’ll open discussion to what people have learned, haven’t learned, are wondering, are hoping to build upon, etc. And, everyone in the room while have either made something or taken part in the process of making something.)*

**Group Breakdowns**

* **Builders (forge ahead making):**
  + **Group 1: Building the Boxes (Infrastructure – 3D printer)**
  + **Group 2: Prototyping (Design – 3D printing software)**
  + **Group 3: Circuitry (Circuit Stickers - Design part II - Scalability)**
  + **Group 4: Representations (Advertising - what's it look like? - infographics)**
  + **Group 1A: Finding Materials (Where? What? Other people’s work? Who’s done this already?)**
* **Supervisors (look at and asses above):** 
  + **Group 5: Connected Infrastructures (Globalization? Constraints for others)**
  + **Group 6: Outcomes (what's the task / what would this do?)**
  + **Group 7: Where's the Bullshit? (Who's fudging? What's real and meaningful)**

**7:15pm Breakdown and Takeaways: Dave (10 -15 minutes)**

**7:30pm Questions and Networking**

**7:45pm Suggestion Box and Exit**

*As I takeaway, we’ll build a website where people can find links to the stuff we discussed in the workshop and contact information if they want to pursue things. In other words, we’ll archive the workshop. And, I’ll hand out a one-pager with the basic principles that we discuss in the workshop as well with contact info on it.*