



Assignment: Create a parametric design using Grasshopper. Then create a presentation board including the list of deliverables below.

Produce: (x1) 36" x 48" printed presentation board (vertical to fit on Crown Hall's panels)

AND

(x1) 3D Print of your parametric design using the shop's Ultimaker or other FDM (Fusion Deposition Modeling) machine. Scale = Approx. 4" maximum in any direction.

- Deliverables:**
- (x1) Site Plan/Aerial View - Show the context important to your design
 - (x1) Floor Plan - Show the dimensions of your design and any important spaces (if multiple levels, you may want to show more plans.)
 - (x2) Elevations - Show the front facade and another that is important to your design
 - (x1) Section Perspective - Show the connection between the interior and exterior. (Key image!)
 - (x3) Parametric Iterations (i.e. Design Options)
 - (x1) Concept Diagram or Process Diagram to explain your design
 - (x1) Exterior Render + (x1) Interior Render(s) at eye level

Due Dates: Pin-up @ Crown Hall - Center Core for the following section times:

Staff: Morning Section - 8:30A to 11A, Tuesday 12/6
Afternoon Section - 2P to 4:30P, Tuesday 12/6

Peluso: Tuesday Class - 2P to 4:30P, Tuesday 12/6
Friday Class - 10A to 12:30P, Friday 12/9

Submit: All deliverables should be uploaded to your Student Folder BEFORE your respective class.

Arrive +15 minutes early to pin-up by the start of class. Display your 3D print in front of your board using the wooden display boxes around Crown.

Disclaimer: ****PLEASE NOTE: All boards must include: Title (preferably a creative one to match your design), Project Description, Your Name, 'DC3, Fall 2022', Location (if important), Labels for all images, Scales for plans and elevations, North Arrows for plans, and any other keynotes or descriptors to help convey your design. Renders should show context, people, materials and site elements. Your board is judged not only on your design but also your ability to convey it.**