

GH | Parametric Design

Topics in Computer Application Design
ARCH 5064 | ARCH 4164 | Spring 2017
Joseph Iwaskiw | parametricjoe@gmail.com

announcements

- # welcome/ attendance
- # grasshopper and dropbox wrap up
- # project one and assignment #1

discussions

- # read <http://www.archdaily.com/495089/the-depreciating-value-of-form-in-the-age-of-digital-fabrication/>
- # panelization presentation

exercises

- # Project One - Part One - Revolve and Panelize
- # <http://designalyze.com/tutorial/cuny-spring-2014-mega-post>

best practices

- # panels and paramviewers to troubleshoot
- # write code left to right/ unpreview right to left
- # grouping
- # dashed wires are trees
- # lists start at 0

assignment #1 completion

- # completed list of tutorials for the week - grasshopper file format
- follow along with video
- # note and describe what each component is doing with either a panel/ group/ or scribble description
- # save as FirstInitial_LastName_Assignment#_tutorialname.gh
- # upload to dropbox

resources

- # posted link to resource dropbox on Grasshopper Page
- # readings
- # class resources
- # pinterest - digital fabrication
- # <http://make-lab.org/category/makelab-design/>
- # <http://matsysdesign.com/tag/digital-fabrication/>
- # <http://www.archdaily.com/tag/digital-fabrication/>
- # <http://www.wikihouse.cc/>
- # <http://make-lab.org/category/makelab-design/>

Class 2 || 1.30.17

assignment 1 for 2.6.2017 @ 6:30 PM

- <http://www.designalyze.com/cunyspring2014megapost>
- Flatten and Label 1:43:29 - gh file
- follow along in video and note everything

assignment 2 for 2.13.2017 @ 6:30 PM

- <http://www.designalyze.com/cunyspring2014megapost>
- Tabs 1:42:38 - gh file
- follow along in video and note everything

project 1 for 2.20.2017 @ 6:30 PM

- #complete project one -panel surface - assigned on 1.30.2017

- #post photo of model on dropbox

optional

- Vertex Digital Design
- <https://www.youtube.com/user/vertexdigitaldesign/videos>

- #Folding pattern part 1: 30:00 - pdf
- #Folding pattern part 2: 25:00 - pdf

- Topography
- <https://vimeo.com/75172765>
- #Topo - 10:00 - pdf