

GH | Parametric Design

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

announcements

welcome/ attendance
go over assignment 1

discussions

watch <https://www.youtube.com/watch?v=Mlt6kaNjoel>
wiki-house: what does it mean

exercises

Study of Trees
merge
data management
relative tree
floors as lists

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
flatten/graft/simplify
test one list/branch at a time

assignment #2 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 3 || 2.06.17

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