

## GH | Parametric Design

Class 9 || 3.20.17

Topics in Computer Application Design  
ARCH 5064 | ARCH 4164 | Spring 2017  
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### announcements

# final project + Project 2 continuation  
# desk crits

### discussions

# watch [https://www.ted.com/talks/wanis\\_kabbaj\\_what\\_a\\_driverless\\_world\\_could\\_look\\_like](https://www.ted.com/talks/wanis_kabbaj_what_a_driverless_world_could_look_like)  
# driverless cars

### desk crits

### best practices

# linework is key  
# separate section lines, hidden lines, and regular lines  
# inDesign for annotation/ Illustrator for linework  
# MeshtoNurbs

### Project #2 completion

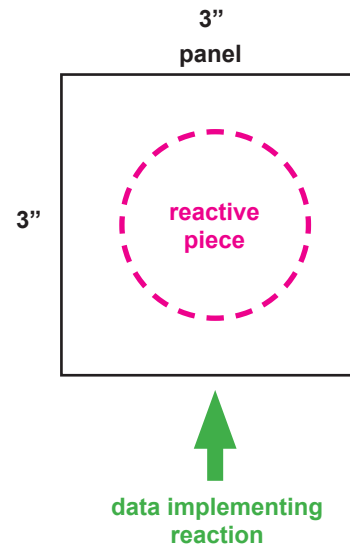
# panel and section perspective  
    # save as FirstInitial\_LastName\_Project2\_MODEL.pdf  
    # save as FirstInitial\_LastName\_Project2\_SECTION.pdf  
# upload to dropbox

### resources

# pinterest - <https://www.pinterest.com/jiwaskiw/section-perspectives/>  
# free entourage - <http://www.archdaily.com/777432/6-websites-for-ethnically-diverse-render-people>  
# ladybug - <https://www.youtube.com/watch?v=Uh9I38grBVQ>  
# ladybug - <http://www.food4rhino.com/app/ladybug-tools>  
# weaverbird - <http://www.giuliopiacentino.com/weaverbird/>  
# rendering - <https://visualizingarchitecture.com/>  
# flux - <https://flux.io/>  
# flux - <https://www.youtube.com/channel/UCtZi1CoGdYtPJp0CPbgEOw>  
# Paneling tools - [https://wiki.mcneel.com/\\_media/labs/panelingtools4grasshopperprimer.pdf](https://wiki.mcneel.com/_media/labs/panelingtools4grasshopperprimer.pdf)

### assignment 3 for 3.13.2017 @ 6:30 PM

# Design five 3"x3" paper model prototypes of your panel.  
# think about base state, reactive pieces, and data the panel will react to.  
# use the same media for each prototype (paper/chip-board/cardboard etc...)  
# you will present your favorite two on Monday 3/13.



### assignment 4 for 3.20.2017 @ 6:30 PM

# attempt to take one of your physical models into Grasshopper  
# save the .gh file

### project 2 for 3.27.2017 @ 6:30 PM

# look at project sheet posted on grasshopper group  
    # section perspective  
    # model of 1 panel