

Computational Design Solutions Pt.1

RHINOSCRIPTING

FINAL PROJECT

'Task

You will work in groups: three or two

Kindly email team member lists to John and me by 10am on Thursday, 01.19

Your group will be responsible for creating a final design. The design shall be a collaborative effort within the team as coder, designer, fabricator, and presentation/graphics coordinator.

YOUR PROJECT SHALL ADDRESS SETTING UP RULES FOR DESIGN RESULTS

Write a short, detailed description of your project outlining clearly your intent. Email your description to both John and me. You will then pseudocode your intended methods for attacking your design which should be in natural language, example: need to select a surface
need to divide the surface
need to have user input,...

'Final presentation

4 – 6 slides should include:

- Design concept specifications
- Define the MAJOR rules used for accomplishing your design investigation
- Physical model using fabrication methods (ZPrinter, lasercutter, etc.)
- Animation of script
- Elaborate on difficulties, if any
- Personal empowerment speech about your ability to attack design problems using abstract computational approaches

'Deliverables

- Fabricated designs (physical models). You will have access to the machines (RPL) during the weekend of January 19 (6pm) – January 23 (9am). *Take advantage of it!*
- Graphic illustrations (renders, screenshots, etc.)
- Animation (*using screen capture software similar to HyperCam or HyperSnap: <http://www.hyperionics.com/>*)
- Script – well COMMENTED: kindly use exercise 1 as an example
- A very clear “portfolio” description of your design as this will be used to represent your design intent online