Department of Architectural Technology
New York City College of Technology | CUNY
300 Jay Street, Brooklyn, New York 11201

Arch 3690
Intermediate Computation and Fabrication
Tuesday, 8:30 am -11:00 am
Professors Joseph Vidich / Charlie Able
jvidich@citytech.cuny.edu / cable@citytech.cuny.edu

Assignment 2 - Part A

Introduction to Grasshopper and List Management

Due : 2/26/13

Grasshopper is a powerful plug-in for Rhino 3-D and will be used extensively in this class. Complete the following tutorials posted on the NYCCT Vimeo site (or on the class website):

1. Grasshopper: Grasshopper Basics
2. Grasshopper: Introduction to Lists – Pt. 1 of 2
3. Grasshopper: Introduction to Lists – Pt. 1 of 2

For class on 2/26, bring the "data tree" definition you created in the 3rd video.

If you are already proficient in Grasshopper, try to modify the definition by adding more complexity. Possible variation might include:

- Randomized rotation angles or branch quantity
- Use of curved instead of strait branches
- 3-D instead of 2-D tree

Video Tutorial Links:
1. http://vimeo.com/59768022
2. http://vimeo.com/59761772
3. http://vimeo.com/59761773

Class Website (Profile):
http://openlab.citytech.cuny.edu/groups/intermediate-computation-and-fabrication/

Class Website (Site):
http://openlab.citytech.cuny.edu/compfab3690sp2013/