



Project:

Develop a **strong design concept** to create and 3D print an **OPTIMIZED FORM FOUND** architectural building element. Examples of building elements are, but not limited to, Curtain walls, Roof panels, Walls, Conceptual building mass studies, nature structures etc... Produce a minimum of (1) 3D Print. The 3D Print should be 4"max in any direction. Your design must incorporate the following processes: Form Finding, Optimization, and Effects **You must integrate the concept of multiple values into your design.**

Deliverables:

Produce (1) 36 "x 36" sheet with the following drawings
 (1) Title
 (1) Project Description
 (1) Aerial Rendering showing the site
 (2) Eye level Renderings
 Show (20) different parametric conditions using Galapagos or Biomorpher (iterations)
 Include the Grasshopper definition
 Add Scale Figures

Schedule:

November 16th Concept and Intial Diagrams Due
 November 23rd Draft of all Deleverables Due (Start 3D Print)
 November 30th 3D Print Due
 December 7th Final Presentation

Submit:

Bring your 3D Print to the Final presentation
 Submit all deliverables to the shared drive
 Please save your files in a folder Firstname_Lastname
 Please save your work as a PDF Firstname_Lastname_Assignment#

HOMEWORK ASSIGNMENTS MUST INCLUDE THE FOLLOWING:

- YOUR NAME
- ARCH 436 ADVANCED MODELING
- SEMESTER / YEAR
- FINAL ASSIGNMENT