

VISITORS CENTER PAVILION **3d**

ARCHITECTURE 2201
Architectural Design I
Fall Semester 2011

STRUCTURE AND ENCLOSURE: 200 points **MIDTERM REVIEW: FRIDAY, NOVEMBER 4TH**

REQUIREMENTS:

1. STUDY MODEL WITH STRUCTURE AND ENCLOSURE

Complete this week, by Monday, October 31st

Create a 1/8" scale study model with a structural grid. It is suggested to begin with a rectangular modular grid with a 25'-0" maximum span. For this study you may continue working with your previous 1/8" model.

Like wall planes, which define program functions, structure is a space organizing system. The structural system or grid should not be imposed on the building plan, but must be considered in relation to all other aspects of the project during the design process. After you have successfully created a structural grid, use it to organize and support the building enclosure.

2. 1/8" STUDY MODEL WITH STRUCTURE AND ENCLOSURE

Due Friday, November 4th

Create a new 1/8" study model to further develop the structural system and enclosure. Studies should represent fully developed designs with level changes, wall planes, a structural grid, and enclosure. Glass enclosure must include fully developed window mullion divisions. Grades for this study will be based on the success of this revised study model. Design development will be a crucial part of successful projects.

3. CAD FLOOR PLAN AT 1/8" SCALE (1"=10' also acceptable)

Due Friday, November 4th

4. CAD SECTION AT 1/8" SCALE (1"=10' also acceptable)

Due Friday, November 4th

5. 1:30 SITE MODEL

Due Friday, November 4th

Create a site massing model that fits into the class site model.

6. DESIGN DIAGRAMS

Due Friday, November 4th

Communicate the organization and concepts of your project through diagrams and images.

Minimum requirements:

- Parti Diagram (main organizational ideas)

- Circulation Diagram

- Concept Diagram

- Concept Statement

Grade Evaluation Sheet – STUDY 3d: STRUCTURE AND ENCLOSURE

Name:		
Study Model with structure and enclosure Well developed design study model including spatial organization, wall planes, level changes and site context information. Model is accurate and well crafted.	1 2 3 4 5	/ 75
Design Diagrams Communication of concept and organization through a minimum of 3 diagrams and a concept statement.	1 2 3 4 5	/ 25
Floor plan at 1/8" scale Drawings are accurate and well drawn. Drawings are easy to understand and can be clearly read. Drawings clearly indicate each space and adjacencies.	1 2 3 4 5	Graded for 2250
Section at 1/8" scale Drawings are accurate and well drawn. Drawings are easy to understand and can be clearly read. Drawings clearly indicate each space and adjacencies.	1 2 3 4 5	Graded for 2250
Design Development / Process Design has been a continual process of idea exploration. Design has been thoroughly studied. Multiple studies have been tested by drawings and models. Design is detailed and developed.	1 2 3 4 5	/ 100
Grade		/200

1=Poor 2=Fair 3=Average 4=Good 5=Excellent

Comments: