ARCHITECTURE 2201
Architectural Design I
Fall Semester 2015

STRUCTURE AND ENCLOSURE: 200 points
MIDTERM REVIEW: FRIDAY, NOVEMBER 6th

REQUIREMENTS:
1. STUDY MODEL WITH STRUCTURE AND ENCLOSURE
   Complete this week, by Friday October 30th
   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 6th
   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
   Due Friday, November 6th

4. CAD SECTION AT 1/8” SCALE
   Due Friday, November 6th

5. 1:30 SITE MODEL
   Due Friday, November 6th
   Create a site massing model that fits into the class site model.
6. **SITE PLAN (1:30 scale or similar)**
   **Due Friday, November 6th**
   Show entire site and draw building as a roof plan for this drawing. This drawing can double as a site diagram if necessary.

7. **DESIGN DIAGRAMS**
   **Due Friday, November 6th**
   Communicate the organization and concepts of your project through diagrams and images.
   Minimum requirements:
   - Parti Diagram (main organizational ideas drawn on the site)
   - Circulation Diagram (site and building)
   - Concept Diagram
   - Concept Statement

8. **Any other information critical to the understanding of your work**
   **Due Friday, November 6th**
   - Renderings (perspective views)
   - Concept Images
   - Concept sketches
   - Etc.
<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Study Model with structure and enclosure</strong></td>
<td>Well developed design study model including spatial organization, wall planes, level changes and site context information. Model is accurate and well crafted.</td>
<td>1 2 3 4 5</td>
<td>/ 75</td>
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<tr>
<td><strong>Design Diagrams / Concept Communication</strong></td>
<td>Communication of concept and organization through a minimum of 3 diagrams, a site plan, and a concept statement.</td>
<td>1 2 3 4 5</td>
<td>/ 25</td>
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<tr>
<td><strong>Floor plan at 1/8” scale</strong></td>
<td>Drawings are accurate and well drawn. Drawings are easy to understand and can be clearly read. Drawings clearly indicate each space and adjacencies.</td>
<td>1 2 3 4 5</td>
<td>Graded for 2250</td>
</tr>
<tr>
<td><strong>Section at 1/8” scale</strong></td>
<td>Drawings are accurate and well drawn. Drawings are easy to understand and can be clearly read. Drawings clearly indicate each space and adjacencies.</td>
<td>1 2 3 4 5</td>
<td>Graded for 2250</td>
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<tr>
<td><strong>Design Development / Process</strong></td>
<td>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.</td>
<td>1 2 3 4 5</td>
<td>/ 100</td>
</tr>
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Grade: /200

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

Comments: