

# EDUCATION CENTER PAVILION **3b**

**ARCHITECTURE 2201**  
**Architectural Design I**  
**Fall Semester 2011**

## **PROGRAM ANALYSIS / CONCEPT MODELS**

What is a concept? Architecture, above all, is an expression of the time and place where it is created. A creative endeavor, architecture has the potential to express powerful ideas. For a designer, it is these ideas, goals, and aspirations for a particular project that become the driving force behind the design. For this project, we will begin with concepts, or ideas, as the organizing elements of design. Your designs for this project should have a clear conceptual foundation.

This project will focus on the architectural design process. You will need to discipline yourself to be consistently and continuously producing new ideas and solutions to the design challenge you have been given. Each student is expected to have at least one new scheme each class to be reviewed by the instructor.

**For this project you will create 3 unique design studies. Each study should be a focused exploration of design ideas and concepts.**

### **REQUIREMENTS: Each study will include the following.**

#### **1. CONCEPT STATEMENT**

Write a brief concept statement outlining your architectural concepts for each study. Concept statements should be no more than 3 sentences and should clearly communicate the intent of each design study. Statements should be typed, printed, and mounted directly to the study model or board for each of the schemes.

#### **2. CONCEPT MODEL**

Each study will include a concept model built on your 1"=10' site model. The model should express your concepts and ideas about the project. Concept models should use walls and level changes to define spaces and explore architectural ideas. You should explore concepts and ideas that have developed from you inspirations collage, the site, and your precedent architect.

#### **3. BUBBLE DIAGRAMS**

Create bubble diagrams for each scheme at a scale of 1"=10'. These diagrams should fit on an approximate 11"x17" sheet. Bubble diagrams should explore the spatial organization of the arts pavilion directly on the site. While the organizational aspects of your project are important, design concepts should be the principal concern for each scheme. Your bubble diagrams should represent 3 completely unique schemes for the organization of your pavilion. Bubbles should be drawn to scale and represent the required area for the use indicated in the program.

#### **4. PARTI DIAGRAM**

For each scheme you will draw a parti diagram of the organizational concepts for your design. Your diagrams can be at a much smaller scale than your bubble diagrams, and should be presented adjacent to each schemes bubble diagram. The parti diagram is a drawing that represents the basic organizational scheme or concept for your design. Parti diagrams should communicate the main organizational ideas of the scheme.

**PRESENTATION:**

Bubble Diagrams:

Bubble diagrams should be hand drawn to scale on trace paper, and mounted on foamcore. Each scheme should be clearly identified and include the parti diagram adjacent to the bubble diagram.

Concept Models:

You will choose one of the 1 schemes to present in your group's site model. The other 3 schemes should be mounted (pinned) to foam core and presented adjacent to the bubble diagram that matches it.

### Grade Evaluation Sheet – STUDY 1

|   |           |      |
|---|-----------|------|
| Name:   |           |      |
| <b>Concept Statements</b><br>Clearly written statement of your initial concepts for each study (3 studies)  | 1 2 3 4 5 | / 10 |
|   |           |      |
| <b>Parti Diagrams</b><br>Clearly drawn diagrams communicating the organizational concepts for each scheme.  | 1 2 3 4 5 | / 10 |
|   |           |      |
| <b>Bubble Diagrams</b><br>Bubble diagrams for 3 design schemes. Unique adjacency schemes with developed spatial organization. All bubbles are approximately to scale and have been tested against the program. Graphics are clear and professional.                 | 1 2 3 4 5 | / 40 |
|   |           |      |
| <b>Concept Models</b><br>Concepts modeled and developed into your site model. Concept model reflects your initial ideas developed as a 3d form.   | 1 2 3 4 5 | / 40 |
|   |           |      |
| <b>Design Process / Development</b><br>Design has been a continual process of idea exploration. Student has been prepared each class with new design studies to discuss. Design has been thoroughly studied through multiple studies tested by drawings and models. | 1 2 3 4 5 | / 50 |
|   |           |      |
| Grade   |           | /150 |

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

Comments: