

## ART 3600, Interior Architecture Studio III

Fall 2018-2019

Grover Center W330

Tuesday & Thursday 1:30 – 4:20PM

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## The Ridges: A Retirement Living Center: Project II: Communal Spaces

Project 2: Communal spaces that provide:  
recreation spaces  
dining spaces  
educational spaces  
health and wellness spaces  
both physical and visual connections from inside spaces to the outside

This retirement center is to be designed in a contemporary and creative manner. The owners of the project, your client, want this center to be bright, fresh feeling, with a strong sense of contemporary design.

They are not looking for a design proposal that is old fashioned, nostalgic, or traditionally 'elderly' in physical and visual character. They want this center to excite and challenge the mind and the senses.

The spaces for this project are to be located in the Ridges buildings:  
Konneker Science Building  
Building 24  
Lin Hall

You may place all of the spaces in one building, or distribute the required spaces as you determine appropriate in two, or three of the building interiors.  
Building windows must remain as they exist. Building structure may not be changed (columns may not be moved, bearing walls may not be removed or moved)

### [Circulation: Defining and Planning: Gensler](#)

### Design Issues: These are to play a strong role in how you create this project

- Sustainability/Ecological Design (CIDA Standard 4 c, d, e)
- Design of housing for International occupants (CIDA Standard 4 f)
- Historic understanding of Ridges context (CIDA Standard 10)
- Space Planning
- Materials and interior construction (CIDA Standard 13)
- Interior finish specification
- Lighting design and specification (CIDA Standard 5b)
- Daylighting strategies (CIDA Standard 5b)
- Acoustics (CIDA Standard 5b)
- ADA & Universal Design (CIDA Standard e, f)

### Design Exploration/Process Requirements:

- Ideas and intellectual formulations: Many ideation sketches, written concept statements, exciting thoughts that you can, need to, have!
- Research into project type, 'typology'
- Concept formulation: Ideation sketches can lead to, or can be led by, concept statements.
- Parti formulation: Ideation Sketches
- Space planning: Plan diagrams that explore sizes of required functional spaces and adjacencies of those spaces.
- Schematic development: Plans, elevations, vertical sections, perspectives, physical models. AutoCAD and/or hand drawing
- Materials, finishes, furniture, fixtures and equipment (ff&e): Shown in drawings and in specifications

- Project presentation

1. **Ideas and intellectual formulations:** what is your approach to this project: you must have some compelling, strong, and buildable ideas that drive your designing of this project.

*Such ideas can include:*

- design philosophy ideas: biomimicry, parametric design, critical regionalism, etc.
- environmental issues: to use only safe 'green' materials and products
- material expression issues: to reveal the true qualities of all the materials you use in the project, and to only use 'real' materials
- construction techniques and technologies issues: to use only wood to construct, or to use a limited palette of materials and ways of building
- cost issues: set cost parameters for the overall project, or for individual pieces within the project
- color and finish issues: create a color palette and develop important and real meaning/connections within the spaces using it.

## 2. **Research:**

The Ridges 'Athens Lunatic Asylum'  
The Southeast Ohio Historical Center exhibit  
Field trip to the Ridges site

Senior Living typology:

Read 'Useful Retirement Community Design Criteria Reference' web pages

3. **Concept** Formulation: Preliminary thoughts, ideas, gestures: sketch, ideate, write down thoughts, think about materials, colors, ways of building large or small components. Give your project a name, and include it on the your presentation documents.

4. **Parti** Formulation: "A Parti or Parti pris/ from the French Prendre parti meaning " to make a decision ", often referred to as the big idea , is the chief organizing thought or

decision behind a design presented in the form of a basic diagram and / or a simple statement".

<http://www.wespeakarchitecture.com/parti.html>

5. **Space Planning:** "The analysis and design of spatial and occupancy requirements, including, but not limited to, space layouts and final planning".
6. **Schematic Development:** the development of a 'scheme' in visual and written terms.
7. **Materials, finishes, furniture, fixtures and equipment (ff&e):**
8. **Project Presentation:**

## Architectural drawings

The fundamental vehicles for building a space are the architectural drawings of:

- floor plan
- vertical section
- elevation
- axonometric
- perspective

These are the drawing types that show different, and fundamental, views of the physical stuff of a space. These drawings are produced either through hand drafting, or AutoCAD.

These drawings are **NOT to be produced by using SketchUP**. Line weight, and accuracy of dimension are critical in these, fundamental, architectural drawings.

**To appropriately document your communal spaces project you must have:**

### **Floor Plan:**

A plan drawing of each floor level, drawn at a scale that is large enough to see flooring material character (typically 1/4"=1'-0")

### **Reflected Ceiling Plan:**

A plan drawing showing all elements that are located on or just beneath the ceiling(s).

### **Vertical Section:**

A minimum of two (2), to show the vertical relationships of elements in the spaces, drawn large enough to show materials, patterns, lighting elements, et cetera.

**Elevation:**

Interior elevations of all important surfaces to show material character, pattern, geometry, relationships to other elements.

**Perspective:**

Rendered images, in perspective, that show what it is like to be 'in' the spaces. Everyone must have three-dimensional digital imagery that shows the interior forms, colors, materials, lighting, and furnishings. Human figures must be included in all images.

**Physical Study Models:**

Everyone must have a minimum of 2 study models (these models must be durable, able to be displayed without falling apart, or collapsing) by the end of the semester.

**Developmental sketches:**

Numerous sketches should be done all through the course of the project.

**Written Statements:**

You must explain your ideas, attitudes, and discoveries visually, but words can play an excellent supporting role to visual images. Written statements/notes must address the list of 'Design Issues' presented in this document above.

**FF&E: Furniture, Fixtures, and Equipment:**

Selections and/or custom designing of lighting fixtures, furniture, cabinetry, appliances, sinks, tubs, toilets, et cetera

**Materials:**

All materials are to be represented both with written descriptions and with visual images in presentation drawings, and in a materials presentation.

**Budget:**

Cost Estimates: all material items used in *a selected, specific, area of the the project* must have an estimated cost recorded on a Cost Estimates document. This includes construction materials, finish materials, and all FF&E. For example, the conference room of the retail space can be fully priced out.

Cost per square foot:

Total unit cost:

## **Security Systems:**

A security system can include:

- a control panel
- touchpads
- key fobs
- sirens
- door and window sensors
- motion detectors
- panic buttons
- a central monitoring station (at the company/provider location)
- fire monitoring smoke detectors
- carbon monoxide detectors
- asset protection (tracking technology attached to valuables)
- security video camera systems
- temperature sensors
- flood water sensors
- personal emergency response systems
- personal GPS tracking systems

You are to write a descriptive note that will be placed on your floor plan drawing, articulating what security system components are included in your residence.

## **Project II: Ridges Retirement Community Communal Spaces**

**1,600 sq. ft:** One (1) reading room: to contain comfortable and well designed!! reading chairs, side tables, coffee tables, built in shelving, appropriate & layered (multi-source, diverse character) lighting, acoustical treatments

**1,800 sq. ft:** Activity room: one (1) pool table, one (1) table tennis, four (4) card tables, with well designed seating four (4) chess/checkers tables with well designed seating

**2,200 sq. ft:** Dining room & bar: table seating for thirty (30) people total: include tables for two (2), tables for four (4) and at least one table for eight (8).

**1,600 sq. ft:** Fitness center/gym: include cybex weight machines, four (4) treadmills, four (4) ellipticals, two (2) peloton cycles, stretching mats, one rack of dumbbells, one olympic bench press, one sit-up bench,

**1,200 sq. ft:** Multi purpose studio/classroom

**1,600 sq. ft:** Media room: large screen tv, wi-fi, comfortable and well designed!! seating for thirty (30) people , side tables, storage elements, acoustical treatment, appropriate & layered multi-source, diverse character lighting.

A general entrance or entrances must be provided for the spaces that is additional to the required square foot size of the spaces.