

ART 3600, Interior Architecture Studio III

Fall 2018-2019

Grover Center W330

Tuesday & Thursday 1:30 – 4:20PM

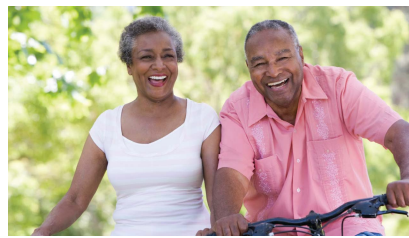
Matthew Ziff, M.Arch, Associate Professor, Area Chair

Grover W325

740-593-2869

ziff@ohio.edu

Office hours: MW: 10:45 - 11:35 TTH: 12-1



The Ridges: A Retirement Living Center:

We will be working on two studio projects this semester. The first is residential in type and the second is hospitality/health care in type. Both projects will run approximately seven weeks and both projects will contain numerous individual components and specific due dates for those.

Who lives in a retirement living center? Elderly individuals who can afford the cost and who have the desire and the need.

While many elderly Americans choose to live in their own homes as they age, a great number of people move to retirement communities for many reasons.

A retirement living center located at the Ridges, Athens, Ohio, the site of the Athens Lunatic Asylum, will provide a substantial life experience for elderly individuals and couples. Many of the residents will be retiring Ohio University faculty and staff. Included in this population are people of diverse ethnic, racial, cultural, sexual orientation, and physical makeup.

Located on the grounds of the Athens Lunatic Asylum, The Ridges, this facility will offer residents:

- Project 1: Residential 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.

Project 1: Six Weeks: Residential Units: three (3) of each:

Project 1 Due: Thursday, October 11: 1:30pm

Living Unit Types:

Studio: living room (200 sf), one bedroom (110 sf), one bathroom (80 sf), kitchen (80sf), patio/balcony (80sf), washer/dryer area (35 sf), appropriate storage in each space. Each of these units are to contain at least one custom lighting installation.

(Total net = 585 sf)(Using a circulation factor of 1.35, total usable space = 790 sf)

Double: living room (250 sf), two bedrooms (each 110 sf), two bathrooms (each 80 sf), kitchen (80sf), patio/balcony (80sf), washer/dryer area (35 sf), appropriate storage in each space. Each of these units are to contain at least one custom lighting installation.

(Total net = 745 sf) (Using a circulation factor of 1.35, total usable space = 1005 sf)

Villa: living room (250 sf), two bedrooms (140 sf) each with walk in closet (each 35 sf), two bathrooms (each 80 sf), kitchen (80sf), dining area (80 sf), patio/balcony (100sf), washer/dryer area (35 sf), appropriate storage in each space. These units are to contain at least one free standing interior screen/partition and one custom lighting installation.

(Total net = 1055 sf)(Using a circulation factor of 1.35, total usable space = 1424 sf)

The stated space requirements for these living units are to be used as a beginning point for your work. As you work with, and study, the way the living units develop you should have ideas about possible alterations to the stated requirements and sizes. Each of you is to discuss these ideas with the instructor and use those conversations and your ideas to arrive at living units that are distinctly the result of your designing, of your work. Everyone in this studio class should end

up with distinct design work that bears the marks of their explorations and their informed decisions.

Each living unit type will be presented as a complete package of images. There will also be one floor plan drawing showing how the living units fit, are organized, within the overall building enclosure.

[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
- Interior finish specification
- Lighting design and specification
- Acoustics
- ADA & Universal Design

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:

- 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 residential project units 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")

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 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.

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 2: Seven Weeks: Communal Spaces: one (1) of each:

Project 2 Due: Tuesday, December 11: 12:20pm

- Large reading room: reading chairs, side tables, coffee tables, appropriate & layered lighting
- Activity room: pool table, table tennis, card tables, chess/checkers tables
- Dining room & bar
- Fitness center/gym
- Multi purpose studio/classroom
- Media room: large screen tv, wi-fi, comfortable seating, side tables