

Interior Architecture

Ohio University
College of Fine Arts
School of Art + Design

Introduction to Design Process and Programming

ART 2650 Fall Semester, 2020 Online

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Assignment #3: Environmental Analysis

Due: Wednesday, September 30, 10:00am
(Due at the beginning of class)

Every site, every building, every interior environment sits on the earth in a specific, 'unique' way. By doing this assignment you will learn how to identify and record essential environmental conditions.

Select a building to study: either one on the Ohio University campus that you find interesting, and are able to go inside of, and around the outside OR select a building near your current location (if you are at home, or somewhere other than Athens) The building may be large or small. You will need to go inside the building and walk around the outside of the building.

Building Site: where in the larger context of the campus, or the town/city, is this building. Identify where the building is located by using a map (from the internet!) and highlighting the building you are studying on the map.

Building orientation:

- List and identify entrance(s) and features (such as stairs, ramps, overhangs, et cetera) *and which direction they face (north, south, east, west). Do this on a plan drawing of the building. You may draw this plan yourself, or obtain an existing plan drawing/image from any source.*

Building size: length x width x height (in feet) You are to determine (as best you can) the building's length, width, vertical height. *You may do this by using Google Earth, or by using drawings that may exist of the building, or by estimating the vertical height of the building by counting bricks, or by using a known dimension, such as that of a door, or other building element that you can measure.*

Building Shadows:

- Morning, late afternoon (where do the shadows fall: give written description and photographs) You are to document, using photographs, the sun condition of the building in the morning (before 10 am) and in the late afternoon (after 4pm). These photographs are to show how the sun's shifting position relative to the building creates different lighting and shadow conditions.

Overall building materials: what are the walls, roof, stairs, railings, et cetera made of. as best you can determine.

Overall building fenestration (windows: estimate the specific size of windows: are they operable or fixed):

- Describe and photograph the windows. Which direction do they face, N,S,E,W?
- What are the frames made of? Typical window frames are either wood, aluminum, steel, or vinyl.

Interior spaces:

- Describe the ground floor interior layout in overall terms. How is the ground floor organized? Is there a main atrium, or a hallway? Approximately how many rooms, of what approximate sizes are there?
- Describe the interior 'feel' of the circulation spaces and the rooms/destination spaces. What are ceiling heights?
- What kinds of electric lighting/fixtures are provided for night time?
- Do interior spaces have access to daylight? (windows, sky lights)

This document is to be a report that includes well written, clear sentences, photographs, and sketches. This document should be approximately three (3) pages long.

This is to be submitted to me as an electronic (digital) pdf file.

The graphic layout of the pages/sheets is to be well thought out, clean, organized, and **visual in nature.**

This is a designer's report, not a document prepared by a site engineer or an accountant.