

A Participant in Change

Part 2.2

Architecture as a Place for Adjustment

PREMISE

We stand at an inflection point in history. In no time in our lifetimes has so much unknown been present yet so much opportunity be at our fingertips. Architecture can be a capable participant in real, meaningful change in the world both through its own responsibility to the planet as well as actively housing those who are at the forefront of the changes that we seek. This project seeks to develop a 'campus' environment that will be focused on the remediation or solving of a societal issue which currently faces us. No topic is off limits, the student groups just must consider all sides of the argument and be prepared to argue their point of view. Potential topics include but are not limited to climate change, natural and industrial disasters, political and social unrest, a global fight for racial equality and a global pandemic.



Robinson Tower - KPF

OBJECTIVE

To develop a 'global healing' campus on one of the two aforementioned sites in the Charlotte metropolitan area that positively influence the future of the city, region, nation or planet.

PROCESS

The following project stages are intended to run concurrently.

Part 1: Narrative Development

The development of your project ideology is critical. What specifically are you addressing in this project and why is it important to the world, nation, region, city etc? This narrative does not need to outline the means for solving this problem, instead you are attempting to justify the problem and provide research that supports your argument.

Product: 500 word narrative outlining the societal malady that your project will work to address
Due: Oct 7

Part 2: Program Development

Each group is to independently develop a program for their campus. Each program should support an overall agenda as outlined above and must be accompanied by a large amount of research and a strong narrative in order to facilitate discussion. The physical program of the building shall consist of the following:

Primary Building Program Area (Office, Research Facilities, Simulation etc.)
Outreach + Education
Housing
Public Space / Amenity Space

Product: Narrative development of a comprehensive building program
Due: Oct 7

PRODUCT

Part 3: COTE 10 Strategy

Each student group is to comprehensively study, understand and develop a strategy for their project that expertly understands each of the 10 criteria that our outlined in the competition requirements. Understanding these elements are critical to the success of your projects this semester.

Product: Set up an excel - or similar - spreadsheet with one tab for each criteria. This excel file should outline the requirements for each criteria, software application as well as a list of possible opportunities / systems in your project. This should be routinely updated throughout the remainder of the semester.
Due: October 9

Part 4: Master Planning

The overall layout and strategic layout of the 'campus' is of critical importance as it sets the basis for all environmental goals set for the project. It is critical that this master plan be responsive to the COTE 10 Criteria. During the process of establishing the program each student group shall also be progressing with a Master Planning exercise that explore different configuration that reasonably utilize their site analysis, program development, COTE 10 study and strategies as well as begin to understand how each component fits into the surrounding context - regardless if it is in a rural or urban context.

Product: 11x17 Master Plan
Due: October 14

Part 5: Project Massing + Building Cores

Given all parts 1-4 you should now have a pretty good handle on all of the components that will make up your campus. It is now time to begin to understand and articulate the individual buildings. In this portion of the project we will begin to explore building form, materiality and function. Specific focus shall be paid to the relationship of the buildings to site, one another and the physical articulation of the buildings core. Additionally, the site / urban planning of the project shall reach a significant level of articulation so as to enable focus on the buildings for a large part of the remaining semester.

Product: 24x36 Presentation Board with all process and final work
Due: October 23

Project 6: Sustainable Systems, Occupation and Facade Treatments

Referring back to the Cote 10 competition this phase begins the integration of systemic sustainable analysis, building systems and facade articulation. Articulation of the facades and the systems should be significant so as to receive a meaningful and comprehensive review of all product completed to this point and identify the opportunities and goals of each sustainability aspect as well as the direction of the project.

Product: Formal Review of all previous products presented on 2 - 24x36 Board - presentation will be virtual
Due: October 30

READINGS

see Course website

DATES

see above