Reflective Building: A Community Porch in Port St. Joe
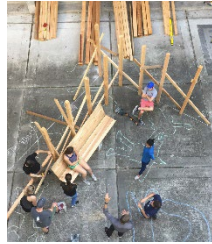**Design/Build Studio for Public Interest Architecture**

D8 Studio / Spring 2024

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Type of studio		Design/build. We will design and construct the project.
Framework		Experiential Learning + Public Interest design through a Porch built in its community context.
Project		Design and construction of a demonstration porch that fosters dialogues about housing programs in particular and community resilience in general, with a focus on North Port St. Joe, Florida.
Locations		Most of the work will occur on campus. We will also make two trips to Port St. Joe: January 26 – 27: meeting with community and researching context April 12 – 14 (tentative): installation of project
Schedule		Weeks 1-2: preliminary making exercises, research, working with Dr. Carla Brisotto Weeks 3-4: visit Port St. Joe, meet with community, design charrette Weeks 5-6: collecting materials, design development, building mock-ups and pre-build Week 7 (tentative): Guest instructors from Istanbul for a brief workshop (see note below) Weeks 8-16: building on UF campus; transport to Port St. Joe
Process and work format		The studio works with the idea of "reflective building." The overall design will be developed among all studio participants. Design/build is a collective activity, and we strive for consensus at each step. Please note that group work is inevitably a part of that process.
Project format		The studio will offer numerous smaller projects within the overall project. This framework allows for small, self-selected teams to target particular research and construction goals, with each component fitting into the overall design scheme. As much as possible, individualized objectives will be addressed.
Previous experience		No previous construction experience is required. Each student is encouraged but not required to purchase small tools (measuring tapes, pull-stroke saws, etc.).
Additional information		This project fits within FIBER's ongoing engagement with the North Port St. Joe community https://storymaps.arcgis.com/stories/7dbcf7d799164665951e946dd6ec3797 as well as local housing coalitions. Project funding is supported by FIBER. For previous design/build studios, please refer to https://charliehailey.com/ and https://charliehailey.com/design-build-2/ as well as http://plaza.ufl.edu/clhailey/courses.html.

Note about Week 7 Workshop: Potential projects include the following: Plinth and Sculpture Project for Dreamers Garden or Yoga Platform for Cedar Key.
Illustrations (left to right): Carver Pavilion (UF Design/Build 2015); Muir's Rest (2017); Sky (2016).

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Reflective Building: This studio exposes students to "reflective building" as a process of thinking and making architecture. Preliminary design stages will include detailing, intensive site analysis, materials and building systems analysis, design charrettes. Initial phases will also make connections between environment, materiality, and human experience.

Studio Objectives

- To understand and develop a multi-disciplinary approach to design work specifically and future professional activity generally.

- To participate in collaborative activities and discussions with each other and with members of the community. And to cultivate an inclusive studio environment while also working with the community to foster equally inclusive design outcomes.

- To develop an ability to select, adapt, and apply methodologies and theoretical approaches related to design activity.

- To pursue research methods and design process that reduce disconnections between design and community, context, and materials.

- To integrate architectural process and cultural values through the design approach.

- To synthesize analysis, design process, and implementation.

- To develop graphic, written, and oral communication techniques that integrate different aspects of the design approaches.

Course Requirements

No pre-requisite coursework required and no knowledge of how to build or general building construction required. Full collaborative participation in studio work, design/build activities on-site, and community meetings. Written reflection on the process. Documentation and preparation of a book, summarizing the studio's work as well as the reflective building process.

Textbooks

There are no required textbooks for this course. The instructor will provide selected references and resources (see Schedule and Course Outline).

References and Resources

We'll continue to develop this set of resources as the semester continues.

References

Cronin, Elizabeth and Charlie Hailey, "Reflective Building," *Vorkurs: Domaine*, v.5 (2021). https://www.ufvorkurs.com/v-domaine

Cohen, Donna, Charlie Hailey, and DK Osseo-Asare. 2020. "Making With Repurpose: Finding Architectural Value Between Waste and Landfill". *European Journal of Creative Practices in Cities and Landscapes* 2 (2):105-20. https://doi.org/10.6092/issn.2612-0496/9554.

Ellen Macarthur Foundation, "The Circular Economy in Detail," accessed 1-2-21. https://www.ellenmacarthurfoundation.org/explore/the-circular-economy-in-detail

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Additional Bibliography, Project Background, and Case Studies (note that some of these works relate specifically to design/build)

Illustrations (left to right): Carver Pavilion (UF Design/Build 2015); Muir's Rest (2017); Sky (2016).

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Carpenter, William J., ed. *Learning by Building: Design and Construction in Architectural Education*. New York: Van Nostrand Reinhold, 1997.

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Kulper, Perry and Nat Chard. *Pamphlet Architecture 34: Fathoming the Unfathomable*. New York: Princeton Architectural Press, 2013.

Kulper, Perry and. *Contingent Practices*. London: Routledge, 2018 (forthcoming).

Linn, Karl. "Commentary on Mexicali." *The Scope of Social Architecture*. Ed. C. Richard Hatch. New York: Van Nostrand Reinhold, 1984. 132-3.

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Sofield, Bill. "The Justice of Small Spaces," *The Princeton Independent* [http://princetonindependent.com/issue01.03/item6.html]

Wodiczko, Krzysztof, *Public Address,* Minneapolis: Walker Art Center, 1992

Wodiczko, Krzysztof, *Critical Vehicles,* Cambridge: MIT Press, 1999

Wodiczko, Krzysztof, *CounterMonuments,* Cambridge: List Visual Arts Center, 1987.

Other Information

Room Use

Since many students are working in the same room it is essential that you work quietly and unobtrusively, that you respect your fellow student's work, and that you clean up after you are finished. Please note that Spray Painting anywhere on the grounds is

Illustrations (left to right): Carver Pavilion (UF Design/Build 2015); Muir's Rest (2017); Sky (2016).

prohibited.

Policy on Retaining Work

The University of Florida, College of Design, Construction, and Planning policy states that student work may be retained indefinitely for academic purposes. You should be prepared for the instructor to ask that it be exhibited or photographed during or after the term. Having your work retained for photography or exhibition is evidence of its quality and value to the School. You will be able either to retrieve your original work or retrieve it temporarily to make copies or photograph it for your personal use if it is retained for the school archives.

Attendance

There is no possibility to make up a missed studio session. Notes will be useless, and although a long conversation with a fellow student will help you begin to figure out what to do to prepare for the next session, it can never make up the learning. A session with your professor may or may not be possible and cannot duplicate the collective conversation. As a result our policy on attendance is extremely strict:

ANY absence must be explained; i.e. call into the office and have a note left for your professor or an email. It is your responsibility to get the assignments from your fellow students. **Unexcused absences will adversely affect your grade and excessive absences can result in a failing grade.** The number of absences adversely affecting your grade is at the discretion of the professor. Lateness is not permitted if not justified. It is never permissible to miss a Critique. Nor is it permissible to be late or to leave early. It will be considered a direct insult to your fellow classmates and the invited critics.

If something is seriously wrong please do not hesitate to talk to your professor about it. Arrangements will be made to cope with serious illness, family or personal crises.

Performance

As you know, there are no tests in Design. There are also no right or wrong answers per se. You will not be taking in information over the course of the term and regurgitating it in another form. You will begin as you will go on - by making things over and over and over. Each time you will take on new questions or the same questions at another level of sophistication. Therefore, there is no single answer for which we are looking. We will give you feedback on the directions you have taken, suggestions for further work, and assess the architectural implications of your projects.

Our goals for you are: (1) to have at your fingertips a thousand fruitful ways to approach any problem and (2) to learn to critique yourselves effectively. What we ask from you is a concerted effort, an innovative take on the problem, constructions that raise architectural issues, and, most importantly, for you to challenge yourself and be constantly willing to continue to develop a scheme. Grades will be assigned as much on dedication and improvement as on talent - if you enter the course gifted and sit on your skill all term, you will not get an A.

You will be graded not only on the work itself but also in your ability to perform on the goals stated above. All grading will follow UF policies that you can find at: http://vl\VW.registrar.ufl.edu/catalog/policies/regulationgrades.html

To clarify the system of grading for studio classes:
A   Outstanding work only
A-   Close to outstanding
B+   Very Good Work
B   Good Work
B-   Good work with some problems
C+   Slightly Above Average Work
C   Average Work
C-   Average Work with some problems
D+   Poor Work with some effort
D   Poor Work
E   Inadequate Work

Grading Scale

The grade scale ranges from A to E, with + and – assigned as necessary:

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Numeric Grade	93-100	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	0-59
Quality Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0

UF Grading Policy

Information on UF's grading policy can be found at the following location:
http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html

Class attendance

Attendance is mandatory and will be recorded for each class. After three absences, each subsequent absence will reduce your final grade by one letter. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

Academic Honesty

Students in the School of Architecture are expected to adhere to all University of Florida academic honesty policies. Failure to do so will result in lowered grades and/or referral to the University Honor Court. Since the University's policies are necessarily generalized, the School of Architecture further clarifies academic honesty within the specific setting of design education. The following acts are considered to be academic dishonesty:

1. Plagiarism/misrepresentation: There shall be no question of what your work is and what someone else's is. This applies to all aspects of student performance, including but not limited to
- design guidelines (written and graphic)
- design, planning, and management projects or portions of projects
- class reports and papers (again, both written and graphic information)
- any assignment where sole authorship is indicated, such as take-home tests, individual projects, etc.
- CAD drawings and construction details

   Examples of inappropriate activities include:
- copying graphics for a report without crediting the original source
- representing someone else's work as your own (using existing CAD construction details, tracing drawings, etc.)
- allowing someone else to represent your work as his own

2. Multiple submissions of the same or similar work without prior approval. If the instructors understand that you are doing a paper associated with your thesis or senior project topic, then doing similar work for two different classes is acceptable—if the instructors agree to it. If a single paper is submitted for one class, then later is submitted for another, and the instructors expect original work, then the multiple submission is inappropriate.

3. Falsifying information

   Examples include:
- misrepresenting reasons why work cannot be done as requested
- changing or leaving out data, such as manipulating statistics for a research project, or ignoring/hiding inconvenient but vital site information. (However, for educational purposes only, certain aspects of the "real world" may be jointly agreed upon as not being pertinent to the academic goals of the course, such as not dealing with specific project parameters or budget, changing the program, etc.)
- altering work after it has been submitted
- hiding, destroying, or otherwise making materials unavailable (hiding reference materials, not sharing materials with other students, etc.)

Students Requiring Accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Online Course Evaluation

Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaulations.ufl.edu.

Student Work Archives

Students will be asked to upload all documents to Canvas at the end of the semester. A final grade cannot be assigned until all work is uploaded.

Software Use

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Student Privacy

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see the Notification to Students of FERPA Rights.

Online Courses

Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited. Private communication regarding the course should be directed to professor email. Please notify the professor about technical issues with UF course delivery systems. Resolve technical issues by visiting the helpdesk website or call 352-392-4357.

Campus Resources

Health and Wellness

U Matter, We Care:
If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center: counseling.ufl.edu/cwc, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS)
Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or police.ufl.edu.

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling.

Library Support, Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints Campus
On-Line Students Complaints

Changes and Revisions

This syllabus is subject to change. Any changes will be posted to CANVAS.