CHAMINADE UNIVERSITY of HONOLULU
ENVIRONMENTAL + INTERIOR DESIGN
FALL 2019
EID 321 Programming + Space planning (4 cr)
Class hours: Tue, Thur 10:00 am – 12:50 pm
Class location: Eiben 104

EID 321
PROGRAMMING & SPACE PLANNING

Steelcase Workplace, 2019

Instructor:
Junghwa K. Suh, D.Arch
Office hours: MWF 12:30 – 1:30
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Email: Junghwa.suh@chaminade.edu

E+ID Environmental + Interior Design
Chaminade University of Honolulu

COURSE DESCRIPTION

This course explores the study of the PROCESS of designing an environment beginning with PROGRAM analysis and moving to the synthesis of information resulting in a comprehensive SPACE PLAN and support documentation. The process guides students through information gathering and organization, as well as problem identification, providing a framework for problem solving and design decision-making.

Research and application of building and fire codes, universal design concepts (including ADA standards) and human factors relative to the designed environment address health, safety and welfare issues, integral to best design practices. Through structured exercises and projects, students design commercial and/or residential environments, which fulfill client-generated requirements with creative, innovative and environmentally conscious design solutions.

Offered only in Fall semester.
Prerequisite: passing the E+ID comprehensive exam and EID 271 or consent of instructor.
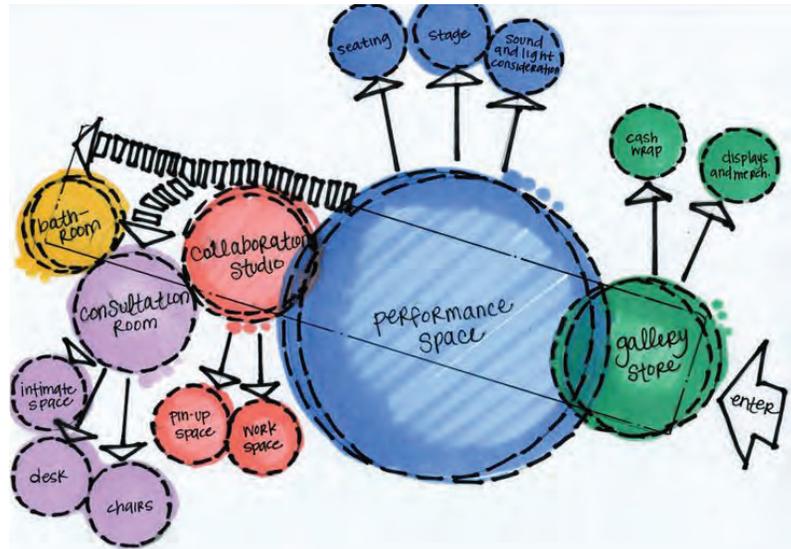
CLASS FORMAT

This class will be the combination of lectures and a number of exercises, culminating in semester-long project. This course focuses on how to interpret, integrate and implement research into each step of design process. You are expected to have research-informed rationale to your every design decision. You are required to make connection from either quantitative or qualitative data to visual information system that leads to programming and space planning.

In-class participation and collaboration is essential. A crucial aspect of any design endeavor is the ability to present your own work in an articulate and coherent manner, both verbally and visually. To that end, the exchange of ideas and feedback from peers, faculties, professionals and public will be invaluable to your progress, as well as help you to develop critical thinking skills. Projects will be worked on in and out of class, during which we will have private or group critiques and presentations. You are required to have all your supplies available for every class, as we will work on your design projects after each lecture.
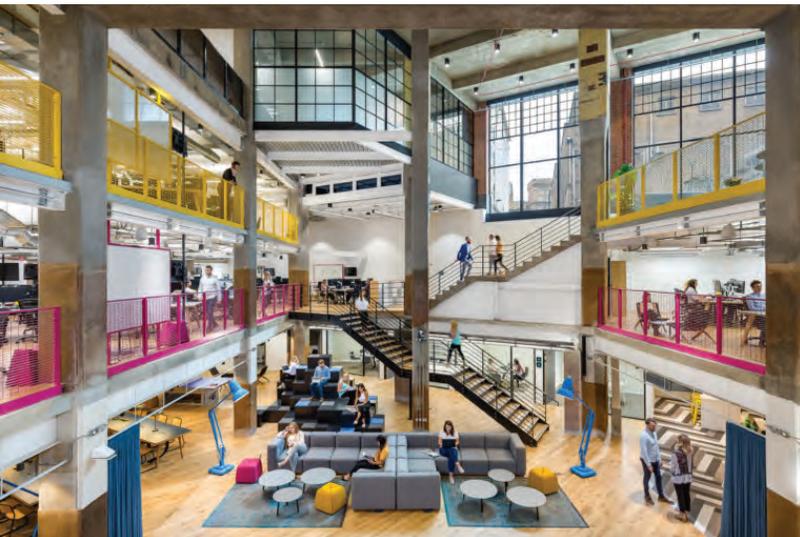
LEARNING OUTCOMES

Teamwork & Collaboration [Educate for Formation in Faith] . [Educate in Family Spirit]
Students should develop skills regarding how to work in teams; being accountable; methodically sharing information; interdisciplinary interaction; proactive attitude and leadership qualities
[PO 1; C 5] - DEVELOPING

Steelcase Workplace, 2019

Herbal House, 2017

Concepts & Principles [Provide an Integral Quality Edcuation]
Students should understand and apply architectural and interior design vocabulary and principles to advanced design project, developing articulated design concept and justifications through creative problem-solving of identified problems/challenges [PO 3; C 8] - DEVELOPING

Analysis & Synthesis of Programming Information [Educate for Service, Justice and Peace]
Students should conduct research; gather and organize project type and contextual information; synthesize information identifying problem/challenge areas unique to the client/project
[PO 2; C 8, 9] - DEVELOPING

Accurate Construction Documentation [Provide an Integral Quality Edcuation]
Students should demonstrate skill development in executing accurate ideation, construction document, details, FF&E selections and specifications to support design decisions
[PO 2, 3; C 8, 9, 13] - DEVELOPING

Codes & Regulations [Provide an Integral Quality Edcuation]
Students should understand how to apply appropriate and project-specific codes and regulations addressing health, safety and welfare of the client and occupants
[PO 4; C 7, 13, 14, 15, 16] - DEVELOPING

Space Planning & Human Factor [Educate for Adaptation and Change]
Students should demonstrate the understanding of the interaction between built environment and the end-user through appropriate and creative space planning, considering proxemics, Ergonomics and universal design principles [PO 4; C 7, 11, 13, 16] - DEVELOPING

Design Presentation [Educate for Adaptation and Change]
Students should develop a comprehensive design presentation and project binder that cohesively expresses the design concept, design development and is justified through creative problem-solving of identified problems/challenges [PO 5; C 6, 8, 9] - DEVELOPING

REQUIRED TEXTS:
CODES GUIDEBOOK FOR INTERIORS, Harmon & Kennon, 5th/6th Ed

REFERENCE TEXTS:
PROGRAMMING FOR DESIGN, Edith Cherry
PROBLEM SEEKING, Pena & Parshall, 4th Ed
SPACE PLANNING BASICS, Mark Karlen, 3rd Ed
INTERIOR GRAPHIC STANDARDS, McGowan & Kruse (2004)

REQUIRED SUPPLIES

All standard drafting and model making supplies +
(1) Sketch Journal   - will be submitted (& graded) at every review sessions and at the end of the semester

WME Nashville Office

Barbarian Office

(1) 3" Binder with Section Dividers - Project binder
(1) Pad/pkg - 8 1/2" x 11" Grid Paper (1/4" scale)
(1) Measuring tape (25' min)
(1) 18" roll of tracing paper
Sharpie markers – medium point (black & 4 other colors min.); sharpie color fine point – optional
Model-making supplies (materials to be determined by students)
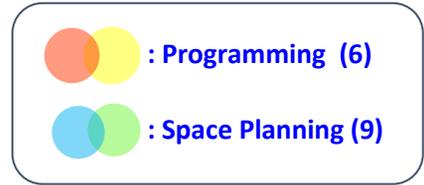
GRADING
Your final grade will be weighted as follows:

PS	15%	
SD	10%	
DD	20%	= 100%
CD	15%	
Design Binder	20%	
Midterm Exam	20%	

This is a demanding and challenging course, and requires complete commitment. Should you have to miss a class, please inform the instructor in advance when possible; in any case, you will be responsible to make up any missed work on your own.

EID PROGRAM OUTCOMES

1) Professionalism – understand, apply and participate in ethical design practices on a personal, project, peer and industry-wide level. (CIDA 5,6,9)

2) Process – ability to identify problems/challenges and demonstrate an understanding of the complete design process from inception to installation, execute documentation supporting design decisions and effect comprehensive, creative, focused and functional design solutions. (CIDA 4,5,7,8,9,11,13,14,15,16)

3) Principles & Priorities – integration of pedagogy, research, historic contexts, theory, and interdisciplinary collaboration to effectively and creatively analyze, evaluate and execute best design practices resulting in functional and aesthetically inspiring design. (CIDA 8,9,10,11,12,13)

4) Public & Environmental Protection – demonstrate an understanding of the concepts, resources and implications of design decisions relative to the human interaction, technological impact and ecological balance of the built environment. (CIDA 4,7,12,13,14,15,16)

5) Presentation – demonstrate ability to communicate design concepts and problem solving justifications through written, oral and a variety of visual media. (CIDA 6,9)

See Attachments: Academic Honesty; ADA Accommodation; Title IX Compliance;
                    CUH EID Professional Code of Conduct

CHAMINADE UNIVERSITY of HONOLULU
ENVIRONMENTAL + INTERIOR DESIGN
EID 321: Programming & Space Planning | FALL 2019
Instructor: Dr. Junghwa K. Suh

: Programming (6)

: Space Planning (9)

EID 321 Learning Contents

- Course Introduction
- Pre-Assessment
- Project Overview; Programming

Questionnaire Development; Precedent Study (PS); Programming Infographic (PI); **Analyze Project**

Interior Showplace visit (9.26)
Cost Estimates; Concept D.

Design Charette (10.08)
- Space Diagramming

PI; Concept D.; Quantitative Req.

Survey (Google form); PI; Goals & Objectives

- Code Review;
- Understanding Spatial & Environmental Relationship

SD: Space Planning

SD: Space Planning

Space Planning; Construction D.

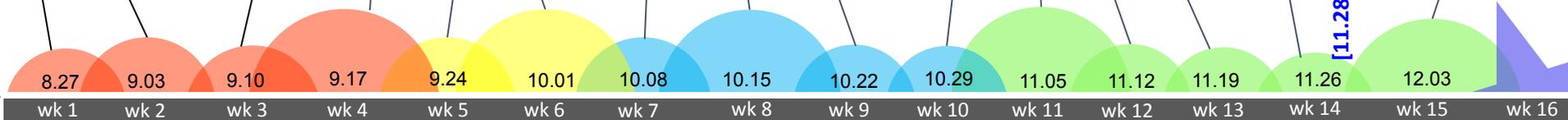Space Planning; Desk Crit.

Desk crit

Desk Crit

[11.28 THANKSGIVING]

Crit Post-Assessment

8.27	9.03	9.10	9.17	9.24	10.01	10.08	10.15	10.22	10.29	11.05	11.12	11.19	11.26	12.03
wk 1	wk 2	wk 3	wk 4	wk 5	wk 6	wk 7	wk 8	wk 9	wk 10	wk 11	wk 12	wk 13	wk 14	wk 15	wk 16
8.29	9.05	9.12	9.19	9.26	10.03	10.10	10.17	10.24	10.31	11.07	11.14	11.21	11.28	12.05

- Bring design journal, binder (w/ tabs), notebook, ready to share research info w/ class
- Questionnaire Development

- PS finish Project Analysis

PI;Goals & Objectives; **PS PPT (9.12)**

PI; Concept D.; **PI PPT (9.19)**

Exercise **Concept D. PPT (9.24)**

Code Exercise due; Spatial relationship Exercise

Code Exercise; Site visit: Henry 118

- Space Planning
- Furniture
- Lighting
- **MIDTERM EXAM Due (10.24)**

- Space Planning
- Furniture
- Lighting

Bubble & Block diagrams;; **MIDTERM EXAM given (10.17)**

SD Review (11.05)

- Refine
- Working on DD req.

DD: RCP; CD; Rendering
CD submission for review (11.21)

DD & CD Submission due (12.03): a Final Presentation run thru in class

DD & CD: Refine Specifications 3D rendering

FINAL REVIEW Mon 12/9 @ 8:30 AM

EID 321 Designer's Tasks

n.b. Course content and scheduling are subject to change at the instructor's discretion in the interest of sound pedagogy.

Academic Honesty

Students are responsible for promoting academic honesty at Chaminade by not participating in any act of dishonesty and by reporting any incidence of dishonesty to an instructor or to a University official. Academic dishonesty may include theft of records or examinations, alteration of grades, and plagiarism. Questions of academic dishonesty in a particular class are first reviewed by the instructor who must make a report with recommendations to the Dean of Humanities and Fine Arts. Consequences for academic dishonesty may range from an "F" grade for the work in question to an "F" grade for the course to suspension or dismissal from the University.

Violations of Academic Integrity: Violations of the principle include, but are not limited to:
- Cheating: Intentionally using or attempting to use unauthorized materials, information, notes, study aids, or other devices in any academic exercise.
- Fabrication and Falsification: Intentional and unauthorized alteration or invention of any information or citation in an academic exercise. Falsification is a matter of inventing or counterfeiting information for use in any academic exercise.
- Multiple Submissions: The submission of substantial portions of the same academic work for credit (including oral reports) more than once without authorization.
- Plagiarism: Intentionally or knowingly presenting the work of another as one's own (i.e., without proper acknowledgment of the source).
- Abuse of Academic Materials: Intentionally or knowingly destroying, stealing, or making inaccessible library or other academic resource materials.
- Complicity in Academic Dishonesty: Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

Plagiarism includes, but is not limited to:
- Copying or borrowing liberally from someone else's work without his/her knowledge or permission; or with his/her knowledge or permission and turning it in as your own work.
- Copying of someone else's exam or paper.
- Allowing someone to turn in your work as his or her own.
- Not providing adequate references for cited work.
- Copying and pasting large quotes or passages without properly citing them.

Disability Access

The University is committed to providing reasonable accommodations for all persons with disabilities. This syllabus is available in alternate formats upon request. Students who need accommodations must be registered with Student Disability Services. Students with special needs who meet criteria for the Americans with Disabilities Act (ADA) provisions must provide written documentation of the need for accommodations from the Counseling Center by the end of week three of the class, in order for the instructor to plan accordingly. Failure to provide

written documentation will prevent your instructor from making the necessary accommodates. Please refer any questions to the Dean of Students. All accommodations **MUST** be approved through the Director of Counseling Services, Dr. June Yasuhara. To make an appointment, please email at jyasuhar@chaminade.edu or call (808) 735-4845.

Title IX Compliance (A Healthy Student Environment)

Chaminade University of Honolulu recognizes the inherent dignity of all individuals and promotes respect for all people. Sexual misconduct, physical and/or psychological abuse will NOT be tolerated at CUH. If you have been the victim of sexual misconduct, physical and/or psychological abuse, we encourage you to report this matter promptly. As a faculty member, I am interested in promoting a safe and healthy environment, and should I learn of any sexual misconduct, physical and/or psychological abuse, I must report the matter to the Title IX Coordinator. Should you want to speak to a confidential source you may contact the following:
• Chaminade Counseling Center| 808-735-4845

Characteristics of a Marianist Education

The following are characteristics of the approach to education engaged at Marianist schools, including Chaminade University:
- Educate for formation in faith
- Provide an integral quality education
- Educate in family spirit
- Educate for service, justice and peace
- Educate for adaptation and change

Chaminade University of Honolulu – Environmental + Interior Design Program
PROFESSIONAL CODE OF CONDUCT

Students of Chaminade University's Environmental + Interior Design Program (CUH-EID) are expected to maintain professional standards of behavior during their tenure here. As guidelines, CUH-EID has adopted the following protocols:

CLASSROOM BEHAVIOR

- Cell phone use in class (calls, texting, emailing) is prohibited; cell phones ringers must be turned off at all times except in case of emergency. If making a call is absolutely necessary, then please step outside the classroom to do so.

- When class is in session, you are expected to show courtesy to your instructor as well as to other students. If your behavior is deemed disruptive, you will be asked to leave the class and consequently receive an unexcused absence for that day.

- All assigned work should be completed by the beginning of the class period for which it is to be presented or submitted. Working on homework, presentations, etc. while an instructor or guest speaker is lecturing, or while students are presenting in class, is disrespectful and will NOT be tolerated.

CLASS ATTENDANCE & ASSIGNMENTS

- Three unexcused absences during the course of the semester will result in one letter grade demotion for the course (i.e. if your grade is "B," it can be demoted to "C"). Similarly, six unexcused tardiness will result in one letter grade demotion for the course.

- Failure to attend presentations or exams, without informing the instructor in advance, will result in an F for the exam/project; failure to attend a final presentation, final exam or final project submission without informing the instructor in advance will result in an F for the course.

- Students should always inform the instructor in 2 days advance (in writing or by email) of any anticipated absences, tardiness, or irregular/unanticipated scheduling conflicts (e.g., jury duty, team sport commitment, etc.) Do not schedule medical or personal appointments during scheduled class time.

- Assignments from a missed class must be made up by the next class meeting unless an extension has been arranged with the instructor. Do not expect an instructor to repeat a lecture for you; students must arrange with a fellow student to pick up class materials, lecture notes, homework assignments, exercises, etc.

- Assignments handed in late will not be accepted unless arranged in advance with the instructor; 5 points will be deducted from the total number of points for each day the assignment is late beyond the prescribed due date.

USE OF FACILITIES

- Only beverages in **sealed** containers are allowed in the EID assigned studios/classrooms; in rooms with computers, beverages must be kept on the floor, away from the computer equipment and outlets.

- Meals should be taken in the EID Student Resource Center, not in the studio/classroom; dry snacks however, will be permitted as long as workstations are kept clean and orderly.

- Clean up after yourselves in CAD studios, classrooms, the materials library, the kitchen area, the resource center, and the print room.

- Any damage to work stations or equipment will be charged to the student; if the person cannot be readily determined, the class(es) using the studio/classroom will bear the expense of the repairs collectively.

PERSONAL STANDARDS

- Students should dress in a professional manner when attending any public functions on behalf of the school, on field trips/site visits, or when guests visit the class. You are representing the EID Program, Chaminade University, and most importantly, yourself to your future constituents: employers, colleagues, contractors, clients, etc.

- Students must be prepared with all materials required for class; inability to work during the class will result in an unexcused absence for the day.

- Cheating on any exam or major assignment will result in automatic failure of the course.

I, _____ have read, understand, and agree to the terms of CUH-EID Professional Code of Conduct.

Student Signature: _____ Date: _____