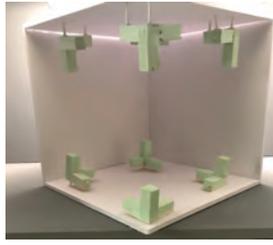

CHAMINADE UNIVERSITY of HONOLULU
ENVIRONMENTAL + INTERIOR DESIGN
SPRING 2020
EID 271 Materiality in Interior Design (4 cr)
Class hours:
M, W 9:30 am – 12:20 pm or
M, W 1:30 pm - 4:20 pm
Class location: Eiben 108

SYLLABUS

EID 271 MATERIALITY in INTERIOR DESIGN



Instructor:
Junghwa K. Suh, D.Arch
Office hours: MW 12:30 – 1:30 or by appointment
Office: Eiben 208
Office phone: 739-8590
Email: Junghwa.suh@chaminade.edu



COURSE DESCRIPTION

EID 271 Materiality in Interior Design (4cr) is studio course examines how design concept is translated through materiality, focusing on the integration of appropriate materials, finishes, and products in the design of interior environments—both commercial and residential. The studio investigate 'materiality' as means to develop interior space. Material characteristics, specifications, installation methods, maintenance requirements, and sustainability features will be explored within the context of a comprehensive design project. Prerequisites: EID 201, EID 202, and EID 217 (which may be taken concurrently).

Offered each semester.

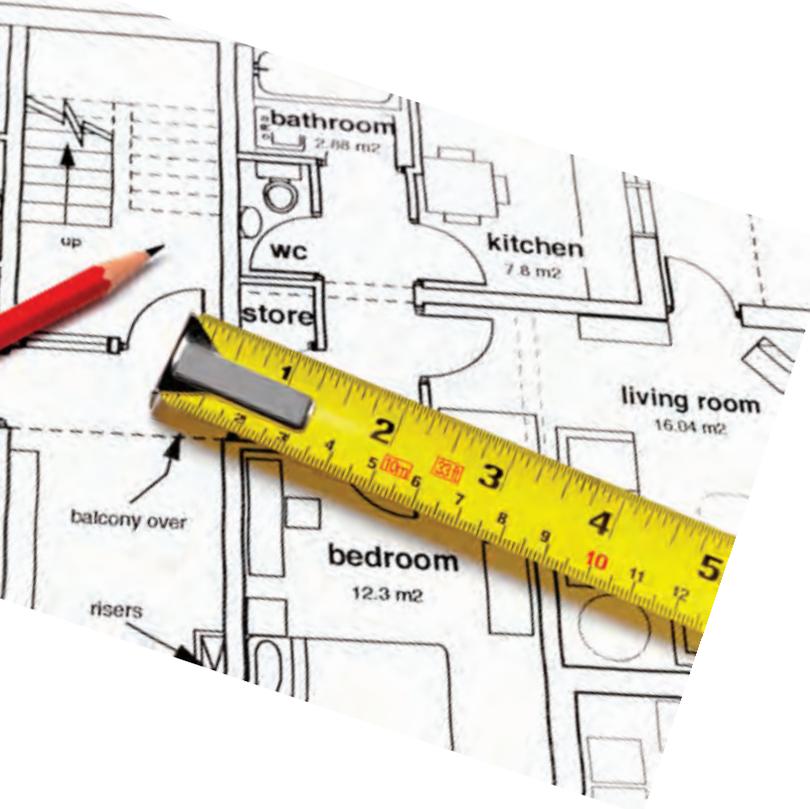
Prerequisite: passing the E+ID comprehensive exam or consent of instructor.

CLASS FORMAT

Materiality:

Over the duration of the semester, we will examine various aspects of materiality, applying the principles presented in class to a comprehensive, semester-long design project. To encourage creative thinking and design innovation, there will be a special emphasis on how the building typology will evolve in the future. As this is primarily a studio-format course, students are expected to work intensively on their projects during the entire class period, whether they are scheduled for desk critiques or not.

In addition to studio work, there will be peer-teaching lectures on materials and how they are integrated into a design project. Students will be given questions to learn about various interior material characteristics and their appropriate use. It is encouraged for students to visit provided local suppliers and showrooms, so they receive clear guidelines for their materials research and share information with peers in class; the Take-Home exam will be based on this research + its integration to your project. Students should become familiar with the range and availability of products on the island and demonstrate understanding of appropriate material use in their projects. Project specifications should include as many locally-sourced and sustainable items as possible. You are also required to specify particular materials that work with your concept and goals to drive your design. This will come from your research of the project context in the beginning of the semester, then you will explore characteristics, specifications, installation methods, maintenance requirements, and sustainability features of your selected material throughout the semester.



CLASS FORMAT (CONT.)

Design Studio Project:

The comprehensive design project will explore and develop the following aspects: pre-design research (precedent studies, client profile, field documentation, site analysis); design conceptualization (ideation); design strategy (translation); programming; space planning and specifications (synthesis). Particular emphasis will be placed on design development with respect to materiality, as well as the selection of components, such as cabinetry, doors, windows, hardware, fixtures and equipment.

In preparation for this course, students must possess basic skills in technical drawing and model-building which have been developed from your previous design classes. For the first half of the semester students are expected to explore ideas and concepts through hand drawing and sketching, as well as build study models as part of your process work. At mid-semester, your schematic design drawings will be translated and further developed in AutoCAD, using a digital template that will be provided for you.

At the end of the semester, there will be a final review of your completed design project in class. In addition to this presentation, students are required to present their project from this course for the 200-level practicum review. The purpose of the practicum is to assess both your ability to synthesize what you have learned thus far in the program and actively apply that knowledge in a design capacity, as well as your readiness for the upper division E+ID courses. The review is scheduled for the week after finals, so please prepare to remain on-island after the semester is over.

DESIGN METHODOLOGY

Remember: design is neither a linear nor sequential process, but an iterative one. For each project assignment, you should get in the habit of investigating and revising numerous options. Not all of them have to be viable, but should show evidence of exploration or refinement of ideas ("process"); design is not about making something that looks good. This takes a lot more time than we usually anticipate, so manage your time accordingly. You are also encouraged to work with others and exchange constructive feedback to each other. Evaluation criteria for both design project and materiality research will be given. The criteria and feedback will help you to understand the expectations of each design phase and research and improve your project. Getting feedback from multiple perspectives will help you to see your project in unexpected ways, which in turn will strengthen your work. You should always challenge yourself to explore various design ideas and ways to resolve design issues/ achieve design goals.



CLASS TEXTS:

M. McGowan & K. Kruse, Interior Graphic Standards (Student Edition)
 Knowles & Boehr (2014). A Comprehensive Guide for Selecting Interior Finishes
 Lisa Godsey, Interior Design Materials and Specifications
 Nancy Gesimondo, Materiality and Interior Construction
 J. Rosemary Riggs, Materials and Components of Interior Architecture
 Environmental Product Guide for Hawai'i 2011
 (http://energy.hawaii.gov/wp-content/uploads/2011/10/EPG-FINAL_Fall-2011.pdf)

GRADING

Evaluation criteria are based on the following:

- Quality and creativity of design work
- Thoroughness and craft in presentation
- Technical skill & proficiency
- Contribution of ideas and engagement in class
- Willingness to experiment and to challenge yourself
- Rigor
- Professional demeanor

Design Project:

1. Design Concept (creativity, relevance, depth) - 20%
2. Design Strategy (human environmental effect, functionality, space planning) - 30%
3. Design Execution (technical skills, aesthetic quality, completeness) - 30%
4. Presentation (narrative, display, ppt) - 20%

Your final grade will be weighted as follows:

Design project	50%	}	= 100%
Materiality Research & Exam	35%		
Attendance & Exercises	15%		

Regular attendance is crucial. Should you have to miss or arrive late for a class, please inform me in advance when possible and make arrangements to make up any missed work, and obtain materials and information from one of your classmates. Do not expect your instructors to make special concessions or accommodations for your absence. All projects must be complete and submitted on time, unless otherwise arranged. Any work not submitted on time or that is incomplete will result in 0.1 point subtracted from your overall project grade GPA (e.g., a 3.0 overall GPA will be lowered to 2.9).

REQUIRED MATERIALS

- all materials from EID 200 and 202 courses
- personal design book
- project binder
- instructor will ask you to bring certain materials based on specific learning content each week.

Additional Attachments:
 Expected Outcomes: Course Learning & EID Program
 Academic Honesty
 ADA Accommodation
 Title IX Compliance
 CUH EID Professional Code of Conduct

EID 271: COURSE LEARNING OUTCOMES (CLO)

- **Ideation & Translation** – Students should be able to think conceptually: develop and research ideas, translate the idea into design strategy, and communicate the idea through the language of interior design [CIDA standards 4, 8, 9, 10, 11, 12] [PO 2,3,5] - DEVELOPING
- **Materials & Finishes** – Demonstrate knowledge about a range of materials and finishes typically used in interior design, including their performance characteristics and applications of given project context [CIDA standard 13] [PO 2,3,4] - EMERGING
- **Space Planning** – Students should be able to develop an effective and efficient interior spatial layout based on project program & design concept [CIDA standard 7,8] [PO 2,3]– DEVELOPING
- **Technical Skills** – Students should be able to execute a design development drawing package; develop preliminary specifications as well as 3D representations (physical & digital) of their design project [CIDA standard 9,13,15] [PO 2,3,4,5] – DEVELOPING
- **Prioritization of Design Criteria** – Coordinate & prioritize design choices based on health, welfare, safety and sustainability criteria [CIDA standard 14,16] [PO 2, 4] –EMERGING

EID PROGRAM LEARNING OUTCOMES (PLO)

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 conception to installation, execute documentation supporting design decisions and effect comprehensive, creative, 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)

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

Native Hawaiian Values

Education is an integral value in both Marianist and Native Hawaiian culture. Both recognize the transformative effect of a well-rounded, value-centered education on society, particularly in seeking justice for the marginalized, the forgotten, and the oppressed, always with an eye toward God (Ke Akua). This is reflected in the 'Olelo No'eau (Hawaiian proverbs) and Marianist core beliefs:

1. Educate for Formation in Faith (Mana) E ola au i ke akua ('Olelo No'eau 364) May I live by God
2. Provide an Integral, Quality Education (Na'auao) Lawe i ka ma'alea a kũ'ono'ono ('Olelo No'eau 1957) Acquire skill and make it deep
3. Educate in Family Spirit ('Ohana) 'Ike aku, 'ike mai, kōkua aku kōkua mai; pela iho la ka nohana 'ohana ('Olelo No'eau 1200) Recognize others, be recognized, help others, be helped; such is a family relationship
4. Educate for Service, Justice and Peace (Aloha) Ka lama kū o ka no'eau ('Olelo No'eau 1430) Education is the standing torch of wisdom
5. Educate for Adaptation and Change (Aina) 'A'ohe pau ka 'ike i ka hālau ho'okahi ('Olelo No'eau 203) All knowledge is not taught in the same school

Academic Honesty

Students are responsible for honoring 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.

Technical Assistance

- Search for help on specific topics at help.instructure.com
- Contact the Chaminade IT Helpdesk for technical issues: helpdesk@chaminade.edu, or call (808) 735-4855

Inclusive Education

The University is committed to providing reasonable accommodations for all persons with disabilities. 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 accommodations.

“Counseling service center is located in the Student Support Services Building, Room 101. The center is open Monday through Friday, 8:30am-4:30pm. If you are inquiring about beginning counseling and/or ADA accommodations, please **contact the Counseling Center at (808) 735-4845 or send an e-mail to counselingcenter@chaminade.edu**.” (<https://chaminade.edu/student-life/counseling-services/>)

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

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.
- If you were to bring someone (your child(en), friends, parents) to class, you must ask a permission of your instructor in advance.

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. If you have to miss a class because of illness or health issue, you must provide an official doctor's note. Otherwise, it will be considered as an unexcused absence.
- 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 (Eiben 109), not in the studio/classroom; however, dry snacks 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, agree, and respect Syllabus, Schedule, Academic Honesty, Disability Access, Title IX Compliance, and the terms of CUH-EID Professional Code of Conduct.

Student Signature: _____ Date: _____

EID 271: S20			STUDIO PROJECT	MATERIALITY
WEEK	01	JAN 13 M JAN 15 W	Course Intro ; Project Binder Design Process; Programming; Project Overview; Materiality Research (MR)	
WEEK	02	JAN 20 M JAN 22 W	MARTIN LUTHER KING, JR. DAY (NO CLASS) Field Survey ; Question Development	Research (R): Wood Stone Metal
WEEK	03	JAN 27 M JAN 29 W	Refine Questions ; Concept Development (CD) Client interview ; Concept Development	
WEEK	04	FEB 03 M FEB 05 W	Desk Crit: Concept PPT: Concept Review	MR PPT
WEEK	05	FEB 10 M FEB 12 W	Code review; Ergonomics Prototypes Spatial Diagrams	Research (R): Paint Gypsum & Plaster Wall Covering
WEEK	06	FEB 17 M FEB 19 W	PRESIDENT'S DAY (NO CLASS) SD: Floor plan + Study Model	MR PPT
WEEK	07	FEB 24 M FEB 26 W	SD: Floor plan + Materials SD: Elevation + Materials SD: Material Analysis	Research (R): Tiles & Ceramics Glass Plastic
WEEK	08	MAR 02 M MAR 04 W	PPT: Schematic Design Review	
WEEK	09	MAR 09 M MAR 11 W	DD: refining plans & elevations; criteria DD: construction drawings (CD); Specifications	MR PPT
WEEK	10	MAR 16 M MAR 18 W	DD: refining plans & elevations; Model Making DD: CD; Material board; Specifications	MR REPORT due; Take-Home Exam
WEEK	11	MAR 23 M MAR 25 W	SPRING BREAK	
WEEK	12	MAR 30 M APR 01 W	DD: CD symbols; wall sections; Desk Crit DD: Perspectives; Desk Crit	Take-Home Exam Due
WEEK	13	APR 06 M APR 08 W	DD: CD set; Desk Crit DD: Specifications; Desk Crit	
WEEK	14	APR 13 M APR 15 W	DD: CD set submission for mark-up (printed) DD: Desk Crit	
WEEK	15	APR 20 M APR 22 W	CD: Review Redlines; Revise CD DD: Oral & Visual PPT Technique	
WEEK	16	APR 27 M APR 29 W	DD: Revising/Finishing all required Deliverables	
WEEK	FINAL	MAY 04 & 05 11:00 AM - 1:00 PM	FINAL PRESENTATION: DD Review	
WEEK	PRAC	MAY 11 M MAY 12 TU	PRACTICUM REVIEW	