



Chaminade University

OF HONOLULU

Course Syllabus

[Chaminade University Honolulu](https://www.chaminade.edu/)

3140 Waiālae Avenue - Honolulu, HI 96816

Course Number: EID 220

Course Title: Building Systems

Department Name: Environmental & Interior Design

College/School/Division Name: School of Humanities, Arts & Design

Term: Fall 2023

Course Credits: 3

Class Meeting Days: Tuesday/Thursday

Class Meeting Hours: 3:00-4:20pm

Class Location: Eiben 104

Instructor Name: Nancy Schnur

Email: nancy.schnur@chaminade.edu

Phone: 80-348-1220

Office Location: N/A

Office Hours: By appointment

University Course Catalog Description

This course focuses on understanding the different systems and components that comprise a building, how they relate to one another, and how to design within the context of those systems. Students will be introduced to building performance design mandates with emphasis on coordination and integration of the various systems within the building interior. Content includes building codes and life safety; site analysis; fire safety; structural, mechanical, electrical and plumbing systems; acoustics; thermal principles; wall, floor ceiling, and stair assemblies; and various interior building components.

Prerequisites: EID 200, EID 202

Course Overview

Over the duration of the semester, we will examine various aspects of building systems and how the interior space operates based on these systems. The course is composed of lectures and exercises on each subject. It is important for you to understand the complexity and integrity of building systems to design safe and functional interior environments. This also will be a foundation course for you to build upon when you start designing details of interior spaces in upper design studio courses. It is important as professional interior designers that you should pay attention to details, coordination, integration and safety issues of the various systems within the building interior.

Marianist Values

This class represents one component of your education at Chaminade University of Honolulu. An education in the Marianist Tradition is marked by five principles and you should take every opportunity possible to reflect upon the role of these characteristics in your education and development:

1. Education for formation in faith
2. Provide an integral, quality education
3. Educate in family spirit
4. Educate for service, justice and peace
5. 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 kū'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'ohē pau ka 'ike i ka hālau ho'okahi ('Olelo No'eau 203) All knowledge is not taught in the same school

Course Learning Outcomes

By the end of our course, students will be able to:

1. Identify the components and functions of various building systems and understand how they integrate with one another and the occupants. [CIDA 11, 13, 14 / PO 2, 4]
2. Define and explain the principles of lighting, acoustics, thermal comfort and indoor air quality. [CIDA 12, 14 / PO 2, 3, 4]
3. Recognize and comprehend how the design of building systems, and their compliance with building codes, impact occupant safety and comfort. [CIDA 14, 16 / PO 1, 5]

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)

Alignment of Course Learning Outcomes

	CLO 1	CLO 2	CLO 3
Marianist Values	5	3	2, 4
Program Learning Outcomes	2, 5	3	1, 4
Gen Ed Learning Outcomes (if applicable)			

Required Textbook

BUILDING SYSTEMS FOR INTERIOR DESIGNERS, BINGGELI, 3rd edition

Reference Textbooks

CODES GUIDEBOOK FOR INTERIORS, Harmon & Kennon, 5th/6th Ed (available in department library)

INTERIOR GRAPHIC STANDARDS, Binggeli (2004), 2nd Ed. (available in department library)

Technical Assistance for Canvas Users:

- Search for help on specific topics or get tips in [Canvas Students](#)
- [Live chat with Canvas Support for students](#)
- Canvas Support Hotline for students: +1-833-209-6111
- Watch this [video to get you started](#)
- [Online tutorials](#): click on “Students” role to access tutorials
- Contact the Chaminade IT Helpdesk for technical issues: cstechsupport@chaminade.edu or call (808) 735-4855

Tutoring and Writing Services

Chaminade is proud to offer free, one-on-one tutoring and writing assistance to all students. Tutoring and writing help is available on campus at Kōkua ‘Ike: Center for Student Learning in a variety of subjects (including, but are not limited to: biology, chemistry, math, nursing, English, etc.) from trained Peer and Professional Tutors. Please check [Kōkua ‘Ike’s website](#) for the latest times, list of drop-in hours, and information on scheduling an appointment. Free online tutoring is also available via TutorMe. Tutor Me can be accessed 24/7 from your Canvas account. Simply click Account – Notifications – TutorMe. For more information, please contact Kōkua ‘Ike at tutoring@chaminade.edu or 808-739-8305.

Assessment

Provide a listing of assessments and their weighting. In addition to (or even in lieu of) tests, you may wish to consider creating “authentic” assessments, which are aligned to experiences that students will encounter in their careers. You also may wish to include service learning assignments and connect with the CUH [Service Learning Center](#).

Grading Scale

Letter grades are given in all courses except those conducted on a credit/no credit basis. Grades are calculated from the student’s daily work, class participation, quizzes, tests, term papers, reports and the final examination. They are interpreted as follows:

- A Outstanding scholarship and an unusual degree of intellectual initiative
- B Superior work done in a consistent and intellectual manner
- C Average grade indicating a competent grasp of subject matter

D Inferior work of the lowest passing grade, not satisfactory for fulfillment of prerequisite course work
F Failed to grasp the minimum subject matter; no credit given

Late Work Policy

All assignments must be turned in at the stated time and day. Assignments not turned in at the stated time and day will be docked 5 points for every day the assignment is not submitted unless previously excused by the instructor.

Grades of "Incomplete"

Per University policies

Writing Policy

All written work must follow MLA guidelines and references must be cited.

Instructor and Student Communication

Questions for this course can be emailed to the instructor at nancy.schnur@chaminade.edu. Online, in-person and phone conferences can be arranged. Response time will take place up to two business days.

Cell phones, tablets, and laptops

Out of consideration for your classmates, please set your cell phone to silent mode during class. Students are encouraged to bring laptops or tablets to class as the instructor will assign online activities and readings that will require the use of a laptop or tablet. Laptops and tablets should not be misused, such as checking distracting websites. Use your best judgment and respect your classmates and instructor.

Disability Access

If you need individual accommodations to meet course outcomes because of a documented disability, please speak with me to discuss your needs as soon as possible so that we can ensure your full participation in class and fair assessment of your work. 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 Kōkua 'Ike: Center for Student Learning by the end of week three of the class, in order for instructors to plan accordingly. If a student would like to determine if they meet the criteria for accommodations, they should contact the Kōkua 'Ike Coordinator at (808) 739-8305 for further information (ada@chaminade.edu).

Title IX Compliance

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. If you or someone you know has been harassed or assaulted, you can find the appropriate resources by visiting Campus Ministry, the Dean of Students Office, the Counseling Center, or the Office for Compliance and Personnel Services.

Attendance Policy

The following attendance policy is from the 2019-2020 Academic Catalog (p. 54-55). Faculty members should also check with their divisions for division-specific guidelines.

Students are expected to attend regularly all courses for which they are registered. Student should notify their instructors when illness or other extenuating circumstances prevents them from attending class and make arrangements to complete missed assignments. Notification may be done by emailing the instructor's Chaminade email address, calling the instructor's campus extension, or by leaving a message with the instructor's division office. It is the instructor's prerogative to modify deadlines of course requirements accordingly. Any student who stops attending a course without officially withdrawing may receive a failing grade.

Unexcused absences equivalent to more than a week of classes may lead to a grade reduction for the course. Any unexcused absence of two consecutive weeks or more may result in being withdrawn from the course by the instructor,

although the instructor is not required to withdraw students in that scenario. Repeated absences put students at risk of failing grades.

Students with disabilities who have obtained accommodations from the Chaminade University of Honolulu Tutor Coordinator may be considered for an exception when the accommodation does not materially alter the attainment of the learning outcomes.

Federal regulations require continued attendance for continuing payment of financial aid. When illness or personal reasons necessitate continued absence, the student should communicate first with the instructor to review the options. Anyone who stops attending a course without official withdrawal may receive a failing grade or be withdrawn by the instructor at the instructor's discretion.

Student Conduct Policy

Campus life is a unique situation requiring the full cooperation of each individual. For many, Chaminade is not only a school, but a home and a place of work as well. That makes it a community environment in which the actions of one student may directly affect other students. Therefore, each person must exercise a high degree of responsibility. Any community must have standards of conduct and rules by which it operates. At Chaminade, these standards are outlined so as to reflect both the Catholic, Marianist values of the institution and to honor and respect students as responsible adults. All alleged violations of the community standards are handled through an established student conduct process, outlined in the Student Handbook, and operated within the guidelines set to honor both students' rights and campus values.

Students should conduct themselves in a manner that reflects the ideals of the University. This includes knowing and respecting the intent of rules, regulations, and/or policies presented in the Student Handbook, and realizing that students are subject to the University's jurisdiction from the time of their admission until their enrollment has been formally terminated. Please refer to the Student Handbook for more details. A copy of the Student Handbook is available on the Chaminade website under Student Life.

For further information, [please refer to the Chaminade Catalogue](#).

Schedule

Please refer to the schedule posted on the home page of this Canvas Course, <https://chaminade.instructure.com/courses/28673> for the class schedule along with current updates/changes

Credit Hour Policy

The unit of semester credit is defined as university-level credit that is awarded for the completion of coursework. One credit hour reflects the amount of work represented in the intended learning outcomes and verified by evidence of student achievement for those learning outcomes. Each credit hour earned at Chaminade University should result in a minimum of 45 hours of engagement, regardless of varying credits, duration, modality, or degree level. This equates to one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester. Terms that have alternative lengths, such as 10 week terms, should have an equivalent amount of faculty instruction and out-of-class student work to meet each credit hour. Direct instructor engagement and out-of-class work result in total student engagement time of 45 hours for one credit. The number of engagement hours may be higher, as needed to meet specific learning outcomes.

Specific Credit Situations

The minimum 45 hours of engagement per credit hour can be satisfied in fully online, internship, or other specialized courses through several means, including (a) regular online instruction or interaction with the faculty member and fellow students and (b) academic engagement through extensive reading, research, online discussion, online quizzes or exams; instruction, collaborative group work, internships, laboratory work, practica, studio work, and preparation of papers, presentations, or other forms of assessment. This policy is in accordance with federal regulations and regional accrediting agencies.

How This Course Meets the Credit Hour Policy

This is a three-credit hour course requiring 135 clock hours of student engagement, per the official CUH Credit Hour Policy. Students enrolled in this course are anticipated to spend 40 hours in class, 90 hours for research assignments, and 5 hours for reading and preparation for class presentations.