



EID 321 PROGRAMMING & SPACE PLANNING FALL 2020 SYLLABUS

COURSE INFO.

Meetings: TU-TH 9:40 am – 12:50 pm
Location: Eiben Hall 104

INSTRUCTOR INFO

Joan D Riggs, ASID. IIDA. IDEC. CAPS

Email: jriggs@chaminade.edu

Office: Eiben 210 O: 808.739.8574 C: 808.351.2130

Office Hours: T-TH 1:00-3:00 or by appointment

COURSE DESCRIPTION

EID 321 explores 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 create commercial and/or residential environments, which fulfill client-generated requirements with creative, innovative and environmentally-conscious design solutions (*Studio Course – 6 contact hours per week*) Offered annually. *Prerequisites: passing the CUH-EID Comprehensive Exam & Practicum or consent of the instructor and Program Coordinator.*

COURSE FORMAT

Programming & Space Planning Studio includes supportive lectures, exercises, research, guest speakers and site visits to build on student knowledge and skill sets toward the design of a semester-long project. Project types are most often commercial which may include corporate, education, hospitality, healthcare, or government installations. Whenever possible, we will engage in a Service-Learning project in an effort to provide meaningful design services to community partners, and to more intimately discover best practices in interior design.

Collaboration project and resource investigation, as well as critical analysis and collation of information [verbal and visual systems to express design decisions] are important design development skills sets, and will be explored in all phases of project development.

Technology Information – course materials will be made available in Canvas. Students' 321 assignments, mid-term exam, group project information/resources and final project deliverables will be uploaded to designated in Google Drive. This is to ensure student teams have access to team and corporate information and, that there is sufficient storage space for the project elements.

Additional apps that may be used or recommended in this course include, but are not limited to: Zoom, Skype, YouTube, Padlet, VoiceThread and Screencast-O-Matic. Should you decide to purchase and/or update your personal computer or laptop, please see the recommended hardware and software listings for the E+ID program, either on the E+ID website or as attachments in the Canvas course information.

Attendance is essential for success in any studio course. Sharing, hearing, seeing, brainstorming your ideas with colleagues provides an unparalleled growth experience. It increases self-confidence; allows for giving and accepting constructive criticism; provides opportunities to justify your design decisions; and creates an atmosphere of collegiality. Equally as important, it provides ample mentoring opportunities between students and professors.

Feedback on exercises, exams, reviews and projects will be provided by the instructor (via grades, review comments or an evaluation) by the next class meeting, to the extent possible. Timing may be dependent on the complexity of the submission; however, a time frame will be given upon submission.

COURSE LEARNING OUTCOMES Through the studies in this course, student(s) will demonstrate:

1 Collaboration - the capacity to work in teams; being accountable; methodically sharing information; interdisciplinary interaction; proactive attitude and leadership qualities
DEVELOPING PO 1; **C 5**; [OC, WC, IL] [Family Spirit]

2 Vocabulary - appropriate use of industry-related vocabulary
DEVELOPING PO 3; **C 8**;

3 Information Synthesis - the ability to research, gather and organize project type and contextual information and synthesize the information to identify the problem/challenge areas unique to the client/project
DEVELOPING PO 2; **C 4, 8, 9**; [QR, CT]

4 Design Documentation - skill development in executing accurate documentation to support design decisions
DEVELOPING PO 2, 3; **C 8, 9, 13**; [WC]

5 Codes & Regulations- skill in applying appropriate codes and regulation to the project type, addressing health, safety and welfare project challenges
DEVELOPING PO 4; **C 7, 13, 14, 15, 16**; [QR, IL, CT] [Integral Quality Education]

6 Space Planning - an understanding of the interaction of the built environment and the end-user through appropriate proxemics, proportional and ergonomic relationships, as well as application of universal design principles in best design practices
DEVELOPING PO 4; **C 7, 11, 13, 16**; [QR, CT] [Family Spirit]

7 Presentation - skill in developing a comprehensive preliminary design presentation that cohesively expresses the design concept and is justified through creative problem-solving of identified problems/challenges
DEVELOPING PO 5; **C 6, 8, 9**; [OC, WC, IL]

8 Human-Centered Design for Community Benefit - developmental skills to recognize, accept and design toward the myriad of lifestyles, cultures, abilities and climatic concerns inherent in commercial design projects, as well as design interiors to reflect on-going growth flexibility while meeting the needs of the client. PO 1, 2, 4, 5; **C 4, 7, 8, 9**) [WC, OC, CT] [SL 1, 2 & 3] [Service, Justice & Peace; Adaptation to Change] DEVELOPING

As a result of engaging in the Chaminade Service-Learning experience, students will be able to:

9 Identify and discuss the connections between academic work and real-life situations related to the service experience. PO 1; **C 5, 6**; CT, WC; [Integral Quality Education] DEVELOPING

10 Demonstrate an understanding of and describe a commitment to their role in **issues of public concern**
PO 1; **C 6**; WC [Integral Quality Education] DEVELOPING

11 Evaluate and explain how service-learning sustained or increased their **interest in being civically engaged**.
PO 1; **C 6**; CT, WC [Service, Justice & Peace and Adaptation to Change] DEVELOPING

REQUIRED TEXTS & SUPPLEMENTS

PROGRAMMING FOR DESIGN	ISBN: 0-471-19645-2	Edith Cherry	Wiley
PROBLEM SEEKING	ISBN: 978-0-471-12620-1	Pena & Parshall	Wiley, 4 th Ed
SPACE PLANNING BASICS	ISBN: 978-0-470-23178-4	Mark Karlen 3 RD Ed	Wiley, 3 rd Ed
2010 ADA STANDARDS	DOJ-Dept. of Justice	Download- http://www.ada.gov	
CODES GUIDEBOOK FOR INTERIORS	ISBN: 978-0-470-59209-0	Harmon & Kennon	Wiley, 5 th Ed
INTERIOR GRAPHIC STANDARDS	ISBN: 978-0-470-88901-5	Corky Binggeli (2011)	Wiley, 2 nd Ed

RECOMMENDED READING RESOURCES & COURSE SUPPLEMENTS

(many are available at Sullivan Library)

PROGRAMMING & RESEARCH	ISBN: 978-1-56367-637-6	Rose Botti-Salitsky	Fairchild
ARCHITECT'L GRAPHIC STANDARDS	ISBN: 978-0-471-70091-3	AIA	Wiley
TIME-SAVER STANDARDS	ISBN: 978-0-071-34616-0	Julius Panero	McGraw-Hill
2012 IBC CODE BOOKS	ISBN: 978-1-580-01725-1	ICC	Cengage

Professional Publications, Journals, etc. - Interior Design, Architecture and related interdisciplinary professions

SUPPLIES for ON-CAMPUS or ONLINE

The EID Studios are equipped with workstations for drafting and desktop computers fully loaded with appropriate software for student use.

If online delivery is required, additional at-home resources would include:

- Portable drafting table
- Laptop or desktop computer (*see attachment or link for recommended computer specifications*)
- All basic and E+ID software (*see attachment or link for listing of required software*)

The following supplies are needed whether the course is on-campus or online:

(1) **Sketchbook** - to be submitted (& graded) at review sessions and at the end of the semester

(1) 1" Binder (Codes) with Section Dividers (*if hard copy; alternative download must be in your digital resource file*)

NOTE: all code-related information will be delineated in student work via code resource title and page number

(1) 2" Binder (Project Binder) with Section Dividers

(1) Pad/pkg - 8 1/2" x 11" Grid Paper (1/4" scale)

(1) Measuring tape (25' min)

(1) 12" or (1) 18" roll of tracing paper

- Sharpie markers – medium point (black & 4 other colors min.); sharpie color fine point – optional
- Model-making tools & supplies (as needed for exercises and/or conceptual modeling)
- Foam Core Boards (as needed for poster presentation and/or material boards)
- **USB – 16G** (min) for 321 work backup or External Hard Drive (1 to 3 TB) - all coursework backup

COURSE REQUIREMENTS & EXPECTATIONS

-
- Required textbook selections, recommended reading and resource support materials are intended to support and enhance your understanding of the subject matter. Required text material may be covered on exams. More importantly, the texts enhance your ability to communicate in all areas of design and related fields/activities.
 - **Be resourceful** using texts, professional journals and magazines, building and design standards, applicable codes and professional and industry experts. Assignments may include (and are not limited to) outside research, class

presentation of information and skills application. Student participation in class activities is required.

- All **written work** is to be done in a simple font style no < 11 pt. Identify each page with designer's name, date, class and semester/year. Number multiple pages. Staple if submitting hard copy.
- **Binders** are to have ALL proper identification on **front outside cover and spine** – corporate identity, designer's name, and project name and course number/semester/year.
- **Presentation boards** are to display **project title** on the front. Designer's personal information and course information (minimum) appear on the back, unless otherwise stipulated. Additional info may be required.
- All submitted **Documents, Exercises, Project & Presentation Materials**, and/or **Tubes** are to be clearly labeled with designer's name, project, class and semester/year.
- Assignments/projects are **due on the date assigned**. Points will be deducted from your score for each day the assignment is late (*also see attachment or link to CUH-EID Code of Conduct*).
- Peer, faculty and industry professional **evaluations** may occur at any time.
- **Attendance** in class is mandatory and is Chaminade University's Policy. Two (2) consecutive unexcused absences or four (4) cumulative unexcused absences will elicit a notice to Academic Advising and may incur a grade reduction. Notifying the instructor of being absent is **not** an automatic excused absence. Medical or other official validation may be required for an excused absence to be granted. (*also see CUH-EID Code of Conduct*)
- Unexcused absences, tardiness and leaving class early will affect your overall grade.
- **Absences on exam days** due to illness will only be excused with proper medical verification. See instructor to make up the examination **before** the next class meeting.
- Students are expected to attend all **studio workdays, site visits, guest speakers and presentations** - in person or virtually, whichever mode is provided. Appropriate, **office attire** is expected during site visits, guest speakers and presentations.
- **Disability Access** *see attachment or link*
- **Title IX Compliance** *see attachment or link*
- **EID Studios are open for EID student project work** any time classes are not in session. Reasonable after-hours use is possible by contacting Security and presenting your student identification (hours TBD).
- Please SILENCE all electronic devices during class. TEXTING, FACEBOOKING, PERSONAL INTERNET SURFING (*other than for this course's research*) during instructional or in-class work time will result in dismissal from class and an unexcused absence recorded.
- Please see CUH Student Handbook for additional CUH policies and the University's Code of Conduct.

COURSE CALENDAR *see attachment or link*

Course Calendar will be available on the first day of class. Please note the calendar is **dynamic** and subject to change at the instructor's discretion.

GRADING

- **A = 100-90%; B = 89-80%; C = 79-70%; D = 69-60%; F = < 60%**
- **50%** Team Project Portions, Exercises & Mid-term Exam
- **50%** Semester Project
- **Advisory Reports** are sent to Academic Advising and your major advisor if grades fall below 70%; more than 2 unexcused absences occur and/or a consistent pattern of late submission of work occurs. A **2.5 GPA** in the major is required to maintain active status in the program.