



## ID 317 UNIVERSAL DESIGN



## SYLLABUS 2009



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Class Meets: M/W 2:00 – 3:20 pm  
Office Hrs: By Appointment

Eiben Hall - Rm. 120

**TEXTS: DESIGN DETAILS FOR HEALTH  
UNIVERSAL DESIGN FOR THE HOME  
CODE OF FEDERAL REGULATIONS**

Cynthia Leibrock  
Wendy Jordan  
Dept. of Justice/ 28 CFR Part 36  
To Order Call: 1-800-514-0301

### COURSE DESCRIPTION

Universal Design focuses on personal independence and equity of use of both the built environment and products for daily living. This course investigates design challenges which address ADA requirements in commercial design, aging in place in residential, retirement community and long-term care design, effectiveness of evidence based design in healthcare design and wayfinding as a universal design concept for all environments. An appreciation for and sensitivity toward person's with varying abilities will be explored through videos, site visits, interviews, projects and student experimentation with mobility, vision and hearing disability role playing. Appropriate use of finish materials for various interior environments will also be reviewed. Projects may include residential, commercial and/or product design.

**Prerequisites: ID 201, ID 202, ID 230 and ID 321**

### LEARNING OUTCOMES

In a culture based on freedom and equality, ID 317 is designed to explore and implement the concepts of UNIVERSAL and BARRIER-FREE DESIGN, making a positive contribution to society's quality of life issues. To effectively implement knowledge gained in this course, students must also apply basic skills acquired in Fundamentals of Interior Design, Programming & Space Planning, Materials & Components and Drafting and/or AutoCad.

- (PO 1, 2; C 3, 4) Gain and apply accurate terminology relating to Universal and Barrier-Free design
- (PO 1, 4; C 3)) Awareness and sensitivity to differences in abilities to independently function in the built environment
- (PO 4; C 3, 7) Understand and apply ADA standards for accessibility in public use environments
- (PO 2, 3; C 4, 6, 7) Analyze existing spaces (and working drawings) for universal/accessible use
- (PO 1, 2, 3; C 6) Research and specify appropriate interior finish materials to meet or exceed standards for universal/accessible use
- (PO 2, 3,4; C 4, 6, 7) Integrate universal design concepts in space planning and wayfinding design
- (PO 1, 3; C 3) Understand universal design concepts relative to Aging in Place and Healthcare paradigms
- (PO 1, 5; C 5) Exercise writing skills, critical thinking, analysis of information and self-expression
- (PO 1, C2) Service Learning Outcome: demonstration of personal understanding and appreciation for the diversity of abilities and how environments enhance or inhibit those abilities.

### SUPPLIES

- 18" roll of tracing paper
- 16" x 20" mat boards (1/4 sheets)
- Residential & Contract Furnishings & Plumbing Templates (1/4" scale)
- 25 ft. Imperial Metric 3/4" tape measure with lock
- All basic drafting supplies

## GRADING

- **A = 100-90%; B = 89-80%; C = 79-70%; D = 69-60%; F = < 60%**
- Quizzes: **40%**; Projects: **40%**; Final Exam: **20%**
- **Deficiency Reports** are sent to the registrar and your advisor if grades fall below 70%; 4-week grades are calculated
- A **2.5 GPA** is required for declared majors in the CUH Interior Design Program.

## ASSIGNMENTS & ATTENDANCE

- **You MUST be registered and have an active LIVETEXT account.**
- Please **read** the assigned text and handouts before each class/unit.
- **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 typed or printed via computer (or LiveText when applicable) in a simple font style (no < 11 pt.) and double-spaced. Identify each page with designer's name, date, class (ID 317) and semester/year. Staple multiple pages.
- **Binders** are to have ALL proper identification on front outside cover and spine – corporate identity, designer's name, date, class (ID 317) and semester/year.
- **Presentation boards** are to display **project and course information**. Designer's personal information and project explanation/concept statement appear on the back, unless otherwise stipulated.
- All **Exercises, Project & Presentation Materials**, and **Tubes** are to be clearly labeled with designer's name, date, class (ID 317) 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. Projects will be graded by the instructor and returned to the student with an evaluation (when appropriate).
- 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 deficiency report submitted to the Registrar and may result in a failing grade.
- Students are expected to attend **studio work days, site visits, guest speakers and presentations** unless otherwise stipulated by the instructor. Failure to do so will affect your grade.
- **Studios** are open for project work any time classes are not in session. After-hours use (hours TBD) is possible by contacting Security and presenting your student identification.
- **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.
- **ADA needs** met through the CUH Counseling Center (written request) upon approval by the Associate Provost.
- Tardiness and leaving class early will affect your final grade.
- Please **SILENCE** all cell phones during class. **TEXTING** during class will result in dismissal from class and an unexcused absence recorded.
- Please see CUH Student Handbook for Code of Conduct.