



INTERIOR 1061 CAMELBACK RD P. 949.675.4451
DESIGNERS NEWPORT BEACH F. 949.759.0667
INSTITUTE CA 92660 www.idi.edu

COURSE SYLLABUS

COURSE: ENVIRONMENTAL DESIGN 223

INSTRUCTOR: Rachel Hulan, ASID, CID
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REQUIRED TEXT: Sustainable Design for Interior Environments by Susan Winchip

COURSE DESCRIPTION AND OBJECTIVES

- This course is an educational lecture series developed to introduce the principles of environmental and sustainable interior design; including the objectives, requirements, and benefits of green building upon local, regional, and global communities in both residential and commercial design. This lecture series will provide a basic understanding of:
 - The history of environmental design
 - United States Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED) rating systems
 - Green building process and terminology
 - Environmentally preferred products and certifications
 - Best practices in residential and commercial sustainable interior design

The course will present content through a variety of lectures, mixed media, guest speakers, field trips, and reading assignments.

STUDENT PARTICIPATION

- Each student will research and prepare a PowerPoint presentation on an assigned green building design topic and present it to the class.
- Each student will complete 4 quizzes based on lecture, video and reading content.
- Each student will select an article (from a newspaper, magazine, or reputable online source) on an environmental topic related to sustainable design, and be prepared to share and discuss in class.
- Each student will provide an MSDS, and be able to demonstrate the ability to locate relevant information within it.
- Each student will complete a final exam based on entire course content.
- Each student will complete the Eco Design assignment.

GRADING

▪ Attendance*	10 points
▪ PowerPoint Research & Presentation Project	16 points
▪ Quizzes (4 worth 5 points each)	20 points
▪ Sustainable Design Article	3 points
▪ MSDS	3 points
▪ Final exam	24 points
▪ Eco Design Assignment	24 points

Straight scale: A= 100-90 B=89-80 C=79-70 Total 100 points
D=69-60 F=59-below

*Minimum attendance required to pass class: 9 classes. At third absence, grade is lowered 10%.

CANVAS

This course utilizes the online Canvas platform. All quizzes are taken online, all assignments, files, and the syllabus are online, and several assignments will be uploaded to the website as well. The student will be shown how to use the platform in class.

MISSED QUIZZES

Due to the use of the Canvas platform, it is possible to take quizzes remotely. However, if a student is unable to take a quiz because of an extraordinary circumstance*, they may request the opportunity to take the quiz at a later time.

All students MUST attend the final class session, in order to take the final. If you are unable to attend the final class, you must have a valid reason if you wish to take the final early. Vacation plans are not considered a valid reason for missing the final class.

*Extraordinary circumstances include: hospitalization or serious illness, serious family emergency, or accident. Instructor MUST be contacted prior to the absence to qualify for a quiz makeup, except under highly unusual circumstances. Acceptance of excuse is at the discretion of the instructor.

ASSIGNMENTS

ALL WORK SUBMITTED FOR GRADING MUST BE YOUR OWN. This class does not have collaborative assignments. No exceptions.

ABSENCE POLICY

Each student may have two total absences. However, more than two consecutive class meeting absences or three non-consecutive class meeting absences per course may result in the student being withdrawn from that course



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Environmental Design – Course Outline

Class 1:

Review: Syllabus review. Course introduction. Explanation of PowerPoint research project and Eco Design project.

Select PowerPoint research topics

Lecture: What is sustainability, and what are the core principles of sustainable (environmental) design?

Videos: The Story of Stuff, TED talk by Ray Anderson

Homework:

Activity: Research PowerPoint assignment
Find green design news article to share at next class, and upload it to class Dropbox folder

Class 2:

Sustainable Design Article due

Lecture: Past, present, and future of sustainable design

Videos: TED talk by William McDonough

Homework:

Reading: Sustainable Design for Interior Environments, Chapter 1
Activity: Research and design PowerPoint presentation

Class 3:

Quiz #1

Lecture: Health in the Built Environment

Homework:

Reading: Sustainable Design for Interior Environments, Chapter 6
Activity: Complete PowerPoint presentation and upload to class Dropbox folder before next class

Class 4:

PowerPoint Presentations

Lecture: Energy and Water Efficiency

Homework:

- Reading: Sustainable Design for Interior Environments 97-104 & Chapter 7
- Activity: None

Class 5:

Quiz #2

PowerPoint Presentations (if additional time needed)

Lecture: Sustainable Materials, part 1

Introduction to Eco Design Project

Homework:

- Reading: Sustainable Design for Interior Environments, pages 30-33 & 48-53
- Activity: Begin working on Eco Design project

Class 6:

Lecture: Sustainable Materials, part 2

Homework:

- Reading: Sustainable Design for Interior Environments, Chapter 5
- Activity: Research and print out a material safety data sheet (MSDS)
Continue working on Eco Design project

Class 7:

Quiz #3

Lecture: USGBC & LEED

Guest speaker: TBD

Homework:

- Reading: Sustainable Design for Interior Environments, pages 86-97
- Activity: Continue working on Eco Design project

Class 8:

Bring Eco Design project space plan for review (optional)

Field trip to LEED Platinum Home

Lecture: Residential Green Design

Homework:

- Reading: Sustainable Design for Interior Environments, pages 101-103
- Activity: Complete space plan for Eco Design project

Class 9:

MSDS due

Lecture: Commercial Green Design, and Sustainability in Historic Preservation
Review for final exam

Homework:

Reading: Sustainable Design for Interior Environments, pages 218-232
and 233-243

Activity: Finalize Eco Design board and notebook

Class 10:

Quiz #4

Presentation of Eco Design assignment

Class 11:

Presentation of Eco Design assignment (if additional time needed)

Final exam