COURSE SYLLABUS

Sustainable Interior Design Course Online

Build a foundation in sustainable interior design for residential and commercial spaces. Students explore material selection, energy efficiency, indoor environmental quality, and life cycle thinking through hands-on projects that balance aesthetics, function, and environmental impact.

> Group classes (Live Online) and onsite training are available for this course. For more information, email partnerships@vdci.edu or visit: https://vdci.edu/courses/sustainable-interior-design-course-online



admissions@vdci.edu • (619) 758-9300

Course Outline

Introduction to Sustainable Interior Design

- Class Introduction
- Syllabus + Learning Objectives
- Policies + Extra Credit
- Tools and Resources
- What is Sustainability (Recommended text)
- Environmental Impact of Interior Design (Chapters: 1, 2)
- Resources for Research
- Project Overviews (Project #1)

Principles of Sustainability

- Sustainable Design Framework (LEED, WELL)
- The Triple Bottom Line
- Life-Cycle Thinking (Recommended text)
- Reducing Environmental Impact (Chapters: 3, 4, 5)

Materials and Resources

- Sustainable Materials Overview
- Certifications and Labels (Recommended text)
- Low-impact Finishes (Chapters: 6, 7, 8)
- Recycled and Renewable Materials
- Project #2 Discussion (Project #2)

Indoor Environmental Quality

- Indoor Air Quality
- Non-toxic Materials
- Thermal Comfort (Recommended text)
- Lighting and Health (Chapters: 9, 10)
- Acoustic Considerations
- Project #3 Discussion (Project #3)

Energy Efficiency and Systems

- Energy Use in Interiors + JouleBug Legacy App
- Efficient Lighting and Appliances
- HVAC Considerations
- Smart Technology
- Sustainable Building Systems (Recommended text)
- Lighting Plans + Redlines (Chapters: 11, 12)

Water Conservation and Sustainable Planning

- Water Efficiency Strategies
- Sustainable Space Planning
- Residential Sustainable Strategies (Recommended text)
- Commercial Sustainable Strategies (Chapters: 13, 14)
- Integrating Sustainable Systems
- Project #4 Discussion (Project #4)

Applying Sustainable Design

- Measuring Sustainable Success
- Cost vs. Value in Sustainability
- Client Communication (Recommended text)
- Pulling it all Together (Chapters: 15, 16)