instructor: Ihab Elzeyadi, Ph.D., FEIA
Professor of Architecture
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meetings:
Lectures:
TU & TH, 8:30-9:45 AM
+ ECS.2 Lab Sections, see class schedule for details

crn:
492: 30456
592: 30537

readings:
In Praise of Shadows + MEEB + Canvas

credits:
4cr.

grading:
Graded or P/N

format:
The class uses a hands-on approach to learning technical knowledge of sustainable design and integrating it in the creation of sensory spaces as a design primer. The course focuses on daylighting, electric lighting, acoustics, water/waste in buildings as architectural and spatial elements. This is a lecture class that requires participation in lectures, ECS.2 labs, team work on case studies of building investigations, and a term-long design project to apply the knowledge learned.

course objectives:
This is a survey course offering students technical knowledge that is essential to the design of buildings and spaces that celebrate the senses. The design of these spaces should engage us and provide an environment that is supportive of our productivity, comfort, and wellness.

We will focus on architectural daylighting, integrated electric lighting, acoustics, and water management/budgets as design primers and sustainable strategies of architectural place making. Approach this class with the intention of learning how to design with technology rather than only applying it!