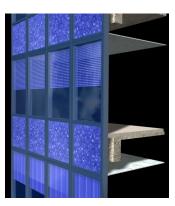
Energy & Environment Based Architectural Research and Design

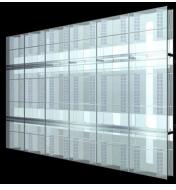
IPRO 323- FAII 2003

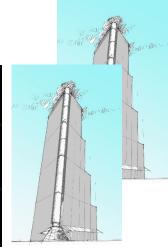
Sponsor: Skidmore Owings & Merrill LLP Dr. Mahjoub Elnimeiri, Dr. Hatice Sozer, Raymond Clark, Peter Ellis











Class Meetings: Tuesdays 3:15 –5:45 pm

Meeting Location: Crown Hall, Room 10

Instructors:Dr. Mahjoub Elnimeiri& Dr. Hatice SozerOffices:Room 12bRoom 12aE-mails:elnimeiri@iit.edusozehat@iit.eduPhone:312.567.3990312.567.3988

Office hours: Thursday 3:15- 5:45pm

Description: This is the 6th semester of this IPRO class. The goal of this IPRO research/design project is to establish an ongoing energy-based architectural studio.

The studio focuses on a specific project, but in an investigative and experimental manner. This semester, the project is a University Campus of a medium size, located in Dubai, UAE, currently under design in the College of Architecture, Illinois Institute of Technology. The class will be divided into three working groups. Group 1 was assigned to the main University Building, Group 2 was assigned to the College of Engineering Building and Group 3 was assigned to the Student Center Building. Every group will develop energy conscious concepts for the design with special consideration to integrate PV, wind energy and other applicable technologies. Each group will survey and conduct extensive research on traditional architecture that is deeply rooted in the culture and religion. The end result of each project is expected to consist of cutting edge architectural solution, which will help provide insight into methods for integrating environmental concerns into architectural design process.

THE STUDENT TEAMS WILL BE LED BY IIT FACULTY, AS WELL AS PROFESSIONALS FROM THE FIELDS OF ARCHITECTURE, AND MECHANICAL, CHEMICAL AND STRUCTURAL/ARCHITECTURAL ENGINEERING, INCLUDING PARTNERS FROM THE SPONSORING FIRM OF SKIDMORE, OWINGS & MERRILL LLP. THE STUDIO WILL BENEFIT FROM PREVIOUS EXPERIENCES WHICH CAN BE ACCESSED http://ipro.iit.edu/~ipro323.