Joseph T. Wunderlich PhD
LECTURE NOTES
EGR 343 GREEN ARCHITECTURAL ENGINEERING

This is a required course for:
- BS Engineering - Sustainable Design
- Architectural Studies Minor

Course Text:
"Heating, Cooling, and Lighting for Sustainable Design" by N. Lechner (2009)
*Read all 500+ pages!
>50% of lecture material from this text
+ LEED Reading Material
+ AIA "Graphics Standards"
+ Many notes from my 14 international trips
+ Notes from my BS Architectural Engineering (U. Texas, Austin 1984)
+ Notes from 24 years (39 credits) of environmental design and planning at U. California, San Diego
+ Case studies from projects I worked on (Austin, TX; San Diego, CA; San Francisco, CA, Southeastern & Central Pennsylvania)

Renit Software:
Installed on all computers in E273 Design & Technology Transfer Studio

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LEED: 
LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN

+ CASE STUDIES
+ ACCREDITATION OF INDIVIDUALS
+ CERTIFICATION OF BUILDINGS
+ SAMPLE ACCREDITATION EXAMS AND CERTIFICATION SCORE CARDS
+ GUEST LECTURES BY USGBC (US GREEN BUILDING COUNCIL)

AIA GRAPHICS STANDARDS:
+ BY AMERICAN INSTITUTE OF ARCHITECTS
+ BEST OVERALL BOOK FOR ARCHITECTURAL SPECIFICATIONS
+ EXCERPTS FROM SEVERAL EDITIONS