Questions of the day

- What is your experience in environmental control systems?
- What would you like to learn about in this course?

Turn in at the end of class today

Course Goals

1. Enhance student visual literacy in the built environment.
2. Learn to use the built environment as a living learning laboratory.
3. Learn to use architectural form as an environmental control system.
4. Develop the design and communication skills needed to interact with other disciplines.

Textbooks & Other Readings

- Reserved at the Marriott Library.
- Website (http://faculty.arch.utah.edu/young/TEACHING/ARCH4350F11/A4350F11menu.htm)
Grading

- Environmental Stewardship 100 points
- Vernacular Response 100 points
- Solar Geometry 100 points
- Exams (3@ 100 pts. each) 300 points
- Participation & Leadership 60 points
- Total 660 points

Grading Cut Off Percentage

- A: 93
- A-: 90
- B+: 87
- B: 83
- B-: 80
- C+: 77
- C: 73
- C-: 70
- D+: 67
- D: 63
- D-: 60
- E: <60

Examinations

- Exams will be open book and open notes and will cover lectures, readings, and site visit materials.
- Bring a calculator, a #2 or HB pencil, and any assigned reading materials.
Late Policy

- Late work will be penalized one full letter grade for any part of the first calendar day and one full letter grade each day thereafter. For example, an “A” will become a “B” etc.
- All previously unsubmitted late work must be turned in by 5:00 PM on the last day of the regular semester classes to receive course completion credit.

Leadership & Participation

Interaction is an important part of the success of this course.

- “90% of success is showing up” —Woody Allen
- Questions are strongly encouraged
- Come to class... ask questions...

"The voyage of discovery is not in seeking new landscapes but in having new eyes."
— Marcel Proust
Analyzing and designing for the architectural opportunities and constraints afforded by:

- Passive Systems
- Mechanical & Electrical Systems
- Architectural Acoustics
- Utilities

Design is:
- Informed and shaped by the natural elemental forces: Earth, Wind, Fire, and Water
- Shaped by imposed constraints
- Shaped by the physics of sound
- Shaped by local building and life safety code requirements

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**Landscape Architect**
**Contractor**
**Mechanical Engineer**
**Planning & Regulatory Agencies**
**Electrical Engineer**
**Structural Engineer**

**Architect**
**Interior Designer**
**Facility Manager**
**Utility Companies**
**Construction Manager**
**Civil Engineer**

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**OWNER**
**Construction Manager**
**Landscape Architect**
**Mechanical & Electrical Systems**
**Mechanical Engineer**
**Facility Manager**
**Planning & Regulatory Agencies**
**Construction Manager**
**Civil Engineer**
**Architect**
**Interior Designer**
**Facility Manager**
**Utility Companies**
**Architectural Facilitator**