Arch 594 M: Building Mechanical Systems
Fall 2012
Prof. Rick Strand
Class Schedule: TR 9:30-10:50AM

Course Description
In the US, buildings consume nearly 40% of all energy and HVAC equipment can take up between 5-9% of building floor area. Through lectures, open discussions, tours, and individual investigative reporting, students will gain a better understanding of why and where buildings consume energy and ways to reduce energy needs from both a design perspective as well as an HVAC perspective. Students will also be given the opportunity to study specific areas of interest in more depth.

Course Objectives
- Sustainable Systems/Strategies
- HVAC Systems and Components
- Energy Conversion Equipment
- Impact of HVAC on Design

Requirements
- Graduate student or senior who has taken Arch 341