3101 DESIGN

PREMISE
The fall semester of 3rd Year Studio shall focus on issues of materiality, assembly, structure, and envelope. The studio is coordinated with ARCH 4303 Structural Principles and ARCH 4604 Computational Methods and will therefore test and implement lessons from these two courses within the scope of the studio. The course will also draw from previous lessons in materials, environmental systems, history, and fundamental design principles from the first two years of the Undergraduate Program.

The theoretical position of the studio shall be to reinforce the connection between ideas and the technical demands of buildings, with the goals of inspiring integration as well as debate with regard to the apparent dialectic that exists between them.

METHOD AND CONTENT
The class will be structured in three parts. The first will consist of a series of material and system exercises intended to introduce basic construction logic. The second is a field study to Dallas, TX to visit buildings that demonstrate principles learned in the first part of the class, but also foreshadow the final design project for the term (we will visit and study buildings by Pei, Johnson, Kahn, Koolhaas, Piano, Ando, Morphosis, Foster, and Barnes). The final part of the studio will be the design of a building type (50K to 100K sf) that allows students to demonstrate all lessons from the semester in cumulative and comprehensive ways.

ARCH 3101 will address the following NAAB criteria: B4: Technical Documentation, B5: Structural Systems, B.7: Building Envelope System and Assemblies, and B.8 Building Material and Assemblies.

BIBLIOGRAPHY

EVALUATIONS / GRADING
UNCComfort undergraduate grading scale shall be used as defined in the current University catalog. Distribution and weight of the course evaluation: (1) introductory projects (15%), field study assignments (5%), final design project presentation 70%, and portfolio compilation (10%).