ARCH 4/561
STRUCTURAL BEHAVIOR

Instructor: Randall Toma

MW 5:30 - 6:50pm
Room 150, White Stag Building

The structural concepts course is intended to broadly cover all aspects of structures as it relates to the architectural/construction world. Beginning with an overview of code structural loads to an introduction/review of statics (vectors, moments, and shears), we will try to gain a better understanding of structural load path. Every load induced on a building must find its way to the ground. The latter portion of the course will focus on the different structural materials (steel, concrete, wood, masonry, etc.) We will discuss as many of the materials as possible to gain insight into advantages/disadvantages of different structural systems.

Randall S. Toma, P.E., S.E. | Principal
A B H T Structural Engineers