Arch 576 TFP:  Science of Function & Functional Organization
Prof.  Michael K. Kim  •  Lect/Disc: W 9:00 – 11:50 AM  •  Rm 17 TBH

Description:
An advanced course on Science of Building Design as a means of best facilitating accomplishment of the institutional function of the client. The specific topics include: Logics of Design and Design Teleology; Theories of Function and Functional Organization; and Strategies of Designing buildings for Greater Functionality. To facilitate successful assimilation of the theoretical knowledge for practical application while acquiring professional knowledge on programmatic requirements for selected major building types, semester-long studies on exemplary building programs are also studied in parallel, culminating at the end with an organizational concept design as a plausible means of best accomplishing the intended institutional function of the client. Prerequisite: Graduate standing in Architecture.

Class Strategy:
The class strategies are three fold: 1) Lectures on Theories of Function and Functional Organization and their application; 2) Research for advancement of the theories and strategies; and 3) study of the Program Requirements for selected building types (Hospitals and Research Labs this semester) using model building programs, leading to Organizational Concept Designs that can best support the intended institutional function. The educational experience is further enhanced through field trips to exemplary projects of the building types being studied.