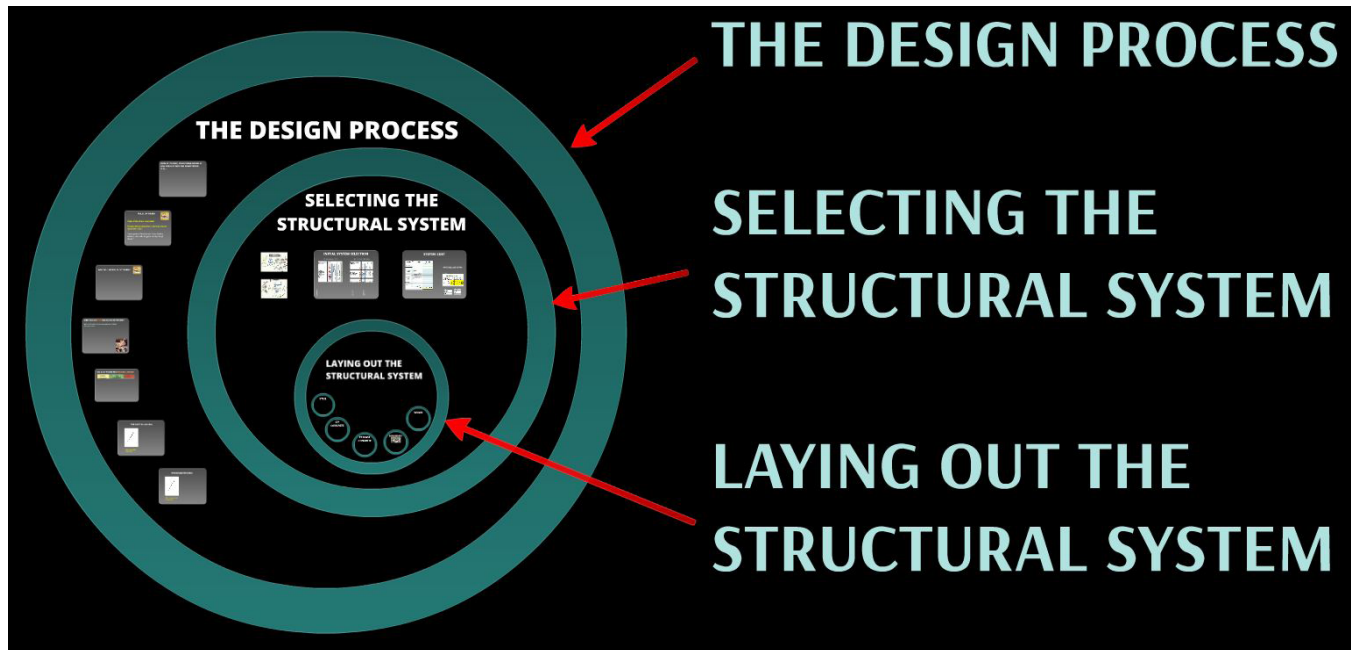


Structural Rules of Thumb for Architects



Course Description

Structural Rules of Thumb for Architects will acquaint practitioners with methods for rapid layout and sizing of structural systems during conceptual and schematic design phases. The purpose of such methods is obviously not to supplant professional consultants, but to direct the design process toward reliable structural solutions during a time in the design process when the field of possible solutions needs to be narrowed down quickly. The content will be most useful for younger practitioners who have not yet developed their own intuition through hard experience, but it will be helpful to anyone who may not work regularly with a wide variety of structural systems.

Learning Objectives

Attendees will be able to:

1. Identify appropriate structural systems to meet architectural needs.
2. Articulate the advantages and disadvantages of different structural systems.
3. Estimate reasonable grid dimensions for different structural systems.
4. Estimate reasonable structural depths for different structural systems.



Bio

Gregory R. Kingsley, PhD, PE, is the president and CEO of KL&A Inc., Structural Engineers and Builders in Golden, Colorado, a firm of 65 that includes structural engineers, steel detailers, and construction managers. He enjoys working with design architects on innovative structures, especially in masonry and wood.

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KL&A, Inc.

Structural Engineers and Builders