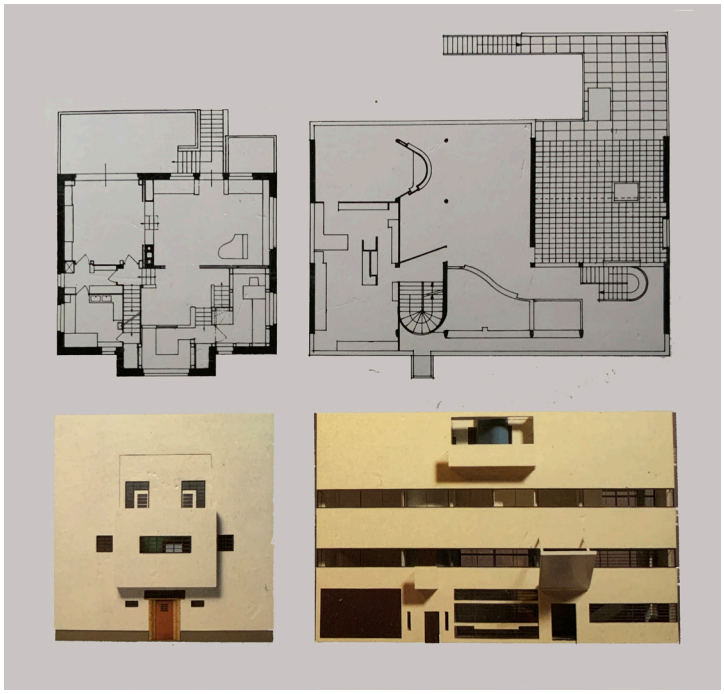
Arch258-002 TRANSLATION

Winter 2027 Arch 258 Mick Kennedy
Tuesday and Thursday 11:00am-2:00 PM
MLB Room B100 and Taubman Metals Lab
mickk@umich.edu office: 1223 A+A

FROM *PLAN LIBRE* TO *RAUMPLAN* (AND BACK AGAIN)



Using both graphic and physical drawing and modeling tools, this course, will focus on learning a set of design tools and the processes to develop skills in working with spatial visualizations and arrangements in 2d and 3d media. Every change in mode of exploration and documentation will be exploited to take advantage of the new representational medium. Rather than simple faithful documentations, each translation will take advantage of its new "language" in order to advance design ideas.

Working as individuals and in teams, you will utilize with specific design operations using digital, hand drawn and physical modeling tools to translate the spatial arrangement of iconic domestic architecture to discover new configurations of domestic space focused on movement, view, and haptic experience.

The course will provide both an introduction to, and build upon your prior experience with, a series of graphic and 3d design methods, tools and means of documentation and representation. Your work will provide experience translating from 2d and 3d visualizations to physical modeling. And back again.

a

GRAPHIC TOOLS You will be working primarily with Rhino (an essential program for your architectural education and future career) for 2D and 3D design devleopment. Additional software that will be useful will be Adobe Illustrator and Photoshop.

b

MATERIALS Your initial graphic studies will be translated first into stiff cardstock for modeling and then into museum board. Your final models will make use of operations in the Woodshop and Metals Lab, working with wood and sheet metal.

c

PROCESSES Your initial design studies will require you to document examples of domestic architecture in plan, section and axonometric. You will then be tasked to develop further translations these spaces through a series of design operations using both graphic and physical models as your tools. Your final translations will be task with modeling the essential spatial, volumetric and planar characteristics of your work in wood and metal.

From *Plan Libre* to *Raumplan* (and back again)