This course will cover the use of Revit Architecture and how it differs from other traditional 2D drafting tools. We will use a combination of in-class lectures and exercises, and open forum time during our sessions. The goal of this course is to make students familiar with Revit in particular, and Building Information Modeling (BIM), on a more general scale. We will focus on how these tools can enhance student work, as well as how these tools are used in a professional environment. Students will achieve a level of expertise and comfort in using the software to develop an understanding of how Building Information Modeling tools can enhance the academic and professional workflow.
Through readings, discussions and assignments, this course introduces students to formal and material approaches to design and construction. Readings explore issues of aesthetics, form-making, materiality, spatial and atmospheric experience, decoration, and details. Writing and discussion will consider the design and fabrication processes, and how attitudes and interpretations of interior spaces are dynamic and changing.

This course provides students with a framework for understanding interior spaces and design practices through a material and cultural approach. The course draws upon both historical and contemporary readings that engage key concepts in interior design, including form, function, ornament, beauty, color, atmosphere, furnishings, fabrication, and methods of construction through the lens of materiality. This course will introduce students to theories and exemplary design examples applicable to the interior environment that have helped shape design through history, from details, furniture and spatial solutions to the cultural and technological innovations and traditions that produced them. Materials will range from the soft and pliable realm to the rigid and resistant.

INT 656-01 (3 CR.)
MATERIALS AND MEANING

BILL WATSON - 05/26-07/31
MONDAY + THURSDAY - 2:00 - 4:15 PM
This course proposes to examine the realm of distance in our current daily life: social distance, physical distance, virtual distance and how these impact design. How do we find, define and design for comfort, discomfort, pleasure, displeasure, etc., in these various, related/previously disparate occupancies? How has our perception of time as it relates to distance shifted? How can design be an agent to mediate our well-being where the conventional relationship of distance and time is upended?

Research and analysis of cultural, geographic, historical and present measures of distancing is prompted by the COVID-19 Pandemic. A study for the design of an environment or object or surface to facilitate *-ing in the near future is explored by the students. The course will meet remotely but will not be limited to the laptop. Students will use video, audio and other methods to map their accessible [global] environments, determine time/distance/performative evidence and design to mediate these findings. Students will collaborate although physically situated around the world and navigate the spatiality between the intimate and vast community. The desire is to establish both rural, urban and suburban conditions to best reflect our global society.

The course is open to students of all departments specifically to cross-pollinate multi-scaler responses. We will look critically and take advantage of this opportunity to [re]question a typical activity. The investigations will span studio-driven making as well as divergent dialogue and written word.

*learning *writing *dancing *celebrating *kissing *skateboarding. *etc.

INT 656-02 (3 CR.)
WITHIN AN ENVIRONMENT OF PERCEIVED ATMOSPHERIC DISTANCE
SHERYL KASAK - 05/29-07/01 (5 WEEKS)
TUESDAY/WEDNESDAY/FRIDAY - 9:00 - 11:50 AM
Parametrics is an advanced level design lab that will teach students the fundamentals of parametric and rule-based modeling for design applications in Interior Design, Architecture and Product Design. The coursework will encourage a conceptual shift away from the authorship of individual design artifacts by investigating rule-based and parametric design concepts and techniques in the context of a generative modeling environment: Grasshopper for Rhino. An introduction to basic modeling techniques in Rhino, and numerous examples of how to utilize Rhino/GH in the context of contemporary design workflows will also be included. Assignments originate from the context of applied modeling and the coursework will be supported by both practical and conceptual reading materials.
This course will introduce students to the technical and cultural history of millwork in the interior built environment, as a response to architectural needs and aesthetic desires. Through an understanding of material properties, detailed fabrication drawings, common industry practices, and fabrication processes, students will develop their own custom millwork proposals. Designs will be tested through sketching, digital three-dimensional models, and conventional architectural detailed drawings.

INT 481/731- 02 (3 CR.)
INTERIOR OPTIONS LAB
MILLWORK DETAIL DRAWING
ROBERT NASSAR - 05/26-07/31
TUESDAY 9:00AM - 1:30PM
This course is intended to enable students to develop strategic representational techniques for illustrating complex ecological relationships. It will provide them with the conceptual and visual tools required for operative and generative “drawing” production as a mode of spatial practice. They will each produce images with a variety of 2D and 3D software as demonstrated in lab sessions in order to interrogate specific ecological relationships, at both the global and local level. This may include mapping exercises illustrating supply chains, environmental feedback loops, or boundary conditions between species and their immediate environments. The course will contain a lecture sequence on the history and theory behind computational techniques used in biologically-influenced design. It will focus on using parametric design and animation software (including 3DS Max, Rhino, and Grasshopper, among others) to generate complex geometry, and allow the students to develop unique and novel compositional workflows for producing digital collage as an apparatus for iterative, adaptive spatial design.
The course will investigate historical, international and cultural implications in the development of contemporary Kitchens & Bathrooms in the interior residential built environment. The concept of ‘Spatial Synthesis’ relates to an intense focus on systems that are integral to the function and atmosphere of the interior environment. Students will develop a detailed comprehension of various interior components, as they relate to kitchen and bathroom planning, materials, hygienics, systems & fixtures. Elements of universal design, ergonomics will also be explored.

Assignments will include research presentations, and the design of specific Kitchen &amp; Bathroom spaces that will be created through sketching, digital three-dimensional models, and conventional architectural detailed drawings.
What people do in space is commonly called ‘program’ by design professionals. Students taking this course will shed the fixed assumptions embedded in this term, instead understanding these same actions through the lens of performance. The course opens with an historical overview of work by practitioners who design environments using a performance based approach. We consider what it means to make performative spaces: spaces that value inventiveness in action as much as form. Each week, students move between creative and critical writing, thinking and making, toward the final outcome of a design proposal for a spatial situation that uses materials, forms, and architectonics to create a dynamic, (inter-)active environment. This space will be represented through a portfolio of drawings, collages, renderings, models (approximately ten images) and writing (1,000-1,500 words) in a format commonly expected by museums, galleries, cultural organizations, and foundations that might commission such work.

**INT 751P-01 (3 CR.)**
PERFORMING SPACE: ACTION, OBJECT, INTERACTION
ALEX SCHWEDER - 05/26-07/31
TUESDAY 9:00AM - 1:30PM