

ARCH 255

IMAGING

Course Information

<i>Meeting Times:</i>	Mon/Wed 8:30-11:30am
<i>Instructor:</i>	Peter Halquist (halquist@umich.edu)
<i>Office Hours:</i>	Please contact your instructor for appointment
<i>Class Instruction Mode:</i>	Online (Zoom)

COURSE DESCRIPTION

How do images communicate ideas? How might one describe space through the authorship of imagery? How can digital images generate design ideas?

Architects create images which describe and depict the technical, experiential, and organizational logics related to their ideas. Architectural representations, and the techniques in which they are made, now exist in a state of constant flux, spurred by ever-evolving digital tools, new modes of visual expression, and cultural and technological shifts. Formerly clear boundaries between image-making techniques such as drawing, rendering, photography, and animation blur and shift in this digital-space, opening up possibility while simultaneously making image-making a more complex act.

By focusing on a technical and conceptual understanding of how images are created (and to what end?), this half-semester course looks at digital image-making processes relevant to the representation of spatial and architectural ideas.

This course examines this space and offers techniques, methods and insights into how architects might approach visualization of their ideas. Composed of a series of exercises, discussions, readings, demonstrations, and working sessions, this course will balance a conceptual understanding of imagery with instruction on the technical aspects of digital image-making.

COURSE OBJECTIVES

This course seeks to...

- (1) utilize a range of methods for analyzing an image.
- (2) enable participants to produce digital imagery relevant to current forms of architectural representation.
- (3) work in, and in-between, 2D raster-based software and 3D digital modeling software.
- (4) test and develop 3D design intentions using these softwares, through the simultaneous development of digital imagery and architectural form.