

Course Number and Title: ARCH 156 / Graphic Communications I / 3.0 Credits

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*“There are painters who transform the sun into a yellow spot,
but there are others who, thanks to their art and intelligence, transform a yellow spot into the sun.”
- Pablo Picasso*

PROJECT 4: Materiality and Color

Color rendering of buildings makes the process of illustrating design ideas possible. When utilizing color to depict materials, it is important to recall the complexity of the material's makeup. Rarely can we assign a single color to a material. Instead, we must work with layers of color in different (and sometimes unexpected) combinations in order to obtain a final combination that best approximates what is intended. Lighting plays an important role in displaying color: not only is light the *source* of all color, it also allows us to see *transformations* in a single given color based on light levels, as well as its reflectivity and luminosity.

For the final project of the term, you will utilize the techniques covered in previous projects in combination with your new knowledge of working with color to complete two presentation-style color drawings of Skirkanich Hall, located on the University of Pennsylvania Campus on 33rd St., just south of Walnut St.



Skirkanich Hall, Tod Williams and Billie Tsien Architects, 2006. Photographs by Michael Moran for Architectural Record, 2007.

Assignment 2, Week 8, due 3/2/10 (Section 1) or 3/4/10 (Section 2)

During class, visit Skirkanich Hall. From your firsthand observations and the documents provided, develop a *material and color palette* for Skirkanich Hall. Focus on the 33rd Street elevation and the plan and site elements to develop this palette, identifying important materials and qualities, including observed characteristics in response to sunlight. You may utilize your own photographs for reference in addition to the documents provided. You are expected to make a return site visit to the building on your own to make additional observations to complete this assignment.

Assignment 3, Week 8, progress due 3/2/10 (Section 1) or 3/4/10 (Section 2)

Begin work on the drafted final drawings of the 33rd Street Elevation and the site plan of Skirkanich Hall. Discuss the drawing scale and page composition with your instructor. Be certain to leave room at the bottom of the page for the drawing title, your name and the date (hand-lettered). Draft in pencil, utilizing appropriate line weights. Use the drawings provided for reference.

Note: you will have to visit the site and make notes about the buildings to the south and north of Skirkanich Hall because a portion of each of these buildings must be included in the final drafted elevation.

Note: you must include scale figures and trees in plan and elevation.

Assignment 4, Week 9, progress due 3/9/10 (Section 1) or 3/11/10 (Section 2)

Render, in color, the site plan and 33rd Street elevation of Skirkanich Hall. Incorporate projected shadows on the elevation based on your observations or on a standard projection of 45 degrees. Be certain to demonstrate the reflectivity of the glass and other complex material characteristics such as color, luminosity, material differences, etc.

Week 10, 3/9/10 (Section 1) or 3/11/10 (Section 2): Work Session

Come to class prepared to present your journal to the class. All work must be up to date.

Week 11: All work due