

Designing with the Computer I  
Robert Spahr

Project 5 – Illustrator/Photoshop (1e only)  
**Working with Color**

**Part I**

a) Scan color wheel template and fill in with custom CMYK colors

Specifications:

Make a template from the original scan

Work on second layer

Make color notations for each color assignment

b) Simultaneous Contrast problem #1

See if the same color placed in the center of two related colors can be made to appear as two different hues, however subtle or different.

Create two 4" adjacent squares each colored with a related hue. Then place a small 1.5" square in the middle of each larger square. The two 1.5" squares are of the same hue, but due to the colors of the larger square they will appear different.

A third small square is centered ½" above the bottom of the document.

Specifications:

Squares should measure 4"x4"

Inner squares are 1.5" each

Third small square is also 1.5"

Create this on a horizontal 11"x8.5 document

c) Simultaneous Contrast problem #2

Explore making two subtle variations of color appear to be the same by changing their surrounding colors.

Create two 4" adjacent squares, then place in the center of each square a 1.5" square. Each 1.5" square should be filled with a subtle variation of color. Adjust the fill colors of the 4" squares to make the 1.5" square to optically appear to be the filled with the same color.

Specifications:

Squares should measure 4"x4"

Inner squares are 1.5" each

d) Customized Gradient Pattern

Specifications:

Use a circle as a vehicle to display your gradient.

Create a sample swatch

e) Create a Mirrored Pattern Tile (Photoshop)

Specifications:

Found on handout.

Print 5a-e in color for final critique (after consulting with instructor)