

ASSIGNMENT 4 – Color: mixing light sources of different color temperatures – due 4/1

For this assignment, you will be photographing scenes that are illuminated by more than one light source.

Guidelines:

1. Shoot outdoors, as much as the weather and your schedule allows

- Erie Blvd is a very good location for lots of artificial light
- **use natural light (that is, leftover daylight) as one source.** This is because, in most cases, your light level using only artificial light will be too low.
- **shoot at or near twilight**, when both artificial light sources and leftover daylight will be visible.

2. Shooting indoors, when necessary

- since you will not be using flash, you will need a high ISO setting
- you can sign out an SLR to allow higher ISO's and less digital noise

3. light sources to look for:

twilight daylight – will register cooler than what you see, ie. bluer
fluorescent light - will register as green (some street lights, indoor overhead lights)
tungsten light - will register as orange, yellow (table lamps, some street lights)
various colored artificial light sources - neon signs, etc.

4. aim for a mix of cool and warm colored light sources in all your photos:

warm (yellow, orange, red) and cool (blue, violet, green)

Camera controls:

ISO:

- to avoid camera shake, you will need to use 800 - 1600 ISO outdoors, even higher indoors
- for CDC's with only Auto and High ISO, choose High
- older or lower-end CDC's: at higher ISO's you will see digital noise
 - for this reason, I recommend signing out an SLR
- SLR's: digital noise will be minimal

camera shake concerns:

when possible, try bracing camera on something stable

flash setting:

you will not be using flash as a light source because it tends to be neutral white, neither warm nor cool

CDC's: choose the 'no flash' mode

SLR's: keep flash in retracted position

white balance:

- leave on Auto

Requirements:

shoot and save: at least 45 images

- you can try a couple of different viewpoints of each subject

hand in:

- 2 contact sheets showing at least 45 photos and 4 prints

- prints should show **some detail in shadows**: use Shadow/Highlight adjustment in Photoshop

Due date: 4/1