

Comp. Photography (SP 2015) HW4

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Setup Images



Setup Images



Setup Images



Final Images



Image Summary

I first started out by blacking out the windows that did not have direct sunlight with heavy comforters to black out the light. I had a smaller window with direct light that I covered in foil and made a coin sized hole in the foil. The image of my front yard was projected onto my ceiling and my neighbor's house was projected onto the far wall.

I captured the images by setting my shutter speed to the slowest speed (15 seconds) and my aperture to f8.0. Using Photoshop I changed the exposure and gamma correction to further enhance the image postproduction.

Final Images



Final Images



What was the site of your camera obscura experiment?

I ended up shooting my final camera obscura experiment in my old room at my parent's house in Suwanee, Ga. I could not use my apartment as my room has blinds and my landlord would not let me remove them.

Sydni Peterson and I attempted to use her boyfriend's room at his apartment, but by the time we got our first set-up completed, the light was too dim. We were able to see the image with the naked eye, but could not capture it. I was able to practice a room set up though and that helped me complete my final experiment quickly

Why was it appropriate? What did you have to do to make it appropriate?

The room was appropriate because it had direct sunlight in the morning on the smaller window. The window also was not obscured by trees so more light could get through and create a more interesting image.

To prep the room for the experiment, I had to tape heavy comforters onto the two larger windows to block out the light and shove pillows under my two doors to block out light that way. I had to have my dad help me take apart the blinds on the smaller window, then I covered it with tin foil and created a coin-sized hole for light to come through.

Was the image visible to the naked eye?

- The images were visible to the naked eye.
- The camera captured them a bit more vividly
- Photoshop was able to boost the colors of the projections. I manipulated the exposure by increasing it and decreased the gamma ray correction; more of each image became visible as well.

Who helped you with this assignment? In what ways?

- Sydni Peterson let me borrow her camera and her boyfriend's apartment for my first attempt at creating a camera obscura out of a room.
- Learned a lot through this first trial and error experiment.
- For my final experiment, my dad helped me by letting me borrow his camera and helped me remove the blinds from the smaller window.

The Scene



- Image was taken from a different vantage point.
- The scene is of my parent's front yard and the neighbors' home.
- Taken around 10:00am.

The Images



The Images



There were two separate images projected in my room: one of our front yard and one of my neighbors' house. Although the images were visible on camera, I increased the exposure and decreased the gamma correction. This made my neighbors' home more visible and boosted the light in the room and the color of each projection.

The Setup



The Setup

I covered the windows with heavy fabrics to more easily block out the light so that I would not have to remove the blinds on the bigger windows. I had help with removing the blinds on the second window and then covered it with foil. I shoved a few pillows under the doors to block out the light from underneath. I then hung another sheet over these two doors to further block the light coming in from the cracks. I set up a small stand for the camera with a small tripod for stability to capture my neighbors' home. I simply set the camera down on my bed (lens up) to capture the scene on the ceiling. The slowest shutter speed for my camera is 15 seconds so I set it to that and then increased my aperture to f8.0 in hopes to capture the most light possible. I tried four different cameras with a minimum shutter speed of 60 seconds. Only one out of the four cameras was able to capture a faint image that has to be enhanced in Photoshop.

More Details

- This has to probably be the coolest project that I have ever seen, but it was not without its issues.
 - Couldn't find a camera with a long enough exposure.(Used 4 cameras total)
 - The long exposure app for the iPhone did not capture any light at all.
 - No one was willing to let me borrow their \$1000 dollar camera.

More Details

- My photographer friends work the same hours that I would need the camera. They did not want their settings changed or having someone inexperienced using their investment/livelihood.
- It worked ok, but the quality is not great and I stretched my camera to its limits.
- Honestly was very difficult and stressful because I can't buy an expensive camera and no one wants to give one out on loan.