

Introduction to Digital Imaging

CS 116, fall 2002

“Time of day” post-mortem

Please write a 2-3 page double-spaced (typed) *post-mortem* for your completed “time of day” project. It should be handed in to my mailbox in the CS office (ASH first floor) by **4:30 PM on Friday, October 4**. Note that while the office closes regularly at 4:30 PM, you shouldn't wait until the last minute to hand in the paper because the office might close early for the weekend.

The purpose of a production post-mortem is to look back on a finished project and identify the various successes and failures made along the way. In this way you can learn from your own experience while it is still fresh in your mind: successful techniques can be remembered and failed ones, once identified, will be easier to avoid in future projects.

Include the following elements, but **make sure your paper is in essay form**. Don't just hand me a bulleted list of responses.

- Your name.
- A brief description of the problem you tried to solve (i.e., “changing the apparent time of day from sunrise to nighttime for a photograph of a grizzly bear”).
- A brief description of your reference image.
- A feature-by-feature summary of the changes you made, and why (i.e., “For the sky, I wanted to change the deeply saturated and multi-hued color into a dark and unsaturated blue reminiscent of nighttime. To do this, I ...”). Make specific comparisons to your reference image when you can, and use the terms we've learned in class.
- An evaluation of your final image given the original goal. This is your opportunity to say where you think your image succeeds or fails, and why. Try looking at your final image out of the context of the project, that is, judge it on its own as an image of the particular time of day you were trying to mimic. Observe what you see in the image that is appropriate for that time of day and what's not. Identify what would make the image better. If you discovered something along the way that explains a particular flaw or success in the final image (i.e., “I couldn't change solid black into a brilliant green forest no matter how much I increased the value and saturation”), please note it! Was it even *possible* to succeed, given your source image? Why or why not?

Please **PROOFREAD** and spell-check your work, and please hand in a physical, printed paper. I won't accept papers online or in email.

NOTE: Many students misuse the terminology of the field in their post-mortems. By far the most frequently abused word is “hue.” Remember: hue is NOT the same as color! Hue is one of the dimensions that comprises a color (the others being value and saturation) and can be thought of as that color's location on the rainbow. Here's a classic blunder, taken from a student's post-mortem from last year:

"I changed the hue from a bright white to a saturated purple."

Replacing “hue” with “color” in the above sentence makes it perfectly valid. Don't forget, hues aren't increased or decreased, brightened or darkened. They are *shifted* or *changed*.