

Digital Photo I Assignment #1

- 1) The title of this assignment is photographing your personal environment. You may take these photos at any place that is convenient for you. The subject matter is up to you. Set your camera for ISO 100 or 200. Take 36 images. While the assignments will not call for 36 exposures, but you may want to try some part of the assignment over, otherwise photograph anything that you want. Please do this assignment using only natural light outdoors. Please keep notes on your exposures.
- 2) Make a set of three photographs that demonstrate equivalent exposures. Remember you will need to change both the aperture and the shutter speed so that the same amount of light reaches the CCD.
- 3) Make a set of three photographs that demonstrate bracketing. Remember you will change either the aperture or the shutter speed, but not both. Make one exposure 1 stop over exposed, then 1 stop under exposed and then one exposure at the correct exposure. If you are using your bracketing function or your exposure compensation function, be sure to turn it off after you are finished with this part of the assignment.
- 4) Set up three objects about 2 feet apart that are front to back. Make a photograph, focusing on the first object using a large aperture such as F3.5 or 5.6 and then make another photograph using a small aperture such as F16 or F22. Repeat the photographs focusing on the middle object and then on the back object. Try to set this up so that your subjects are in full sun so that you will have no problems using the smaller apertures. Use a lens of 50 mm or longer.
- 5) Make three photographs, standing in the same place, using a wide angle lens, a normal lens, and a longer focal length lens. Then make three photographs of one subject, moving with each photo so that the selected object is the same size in each of the three photographs.
- 6) Make a series of photographs that demonstrate different shutter speeds. Make one photograph using a slow shutter speed and another using a faster shutter speed. Keep in mind that distant objects will not show changes in speed as well as closer subjects.
- 7) Make one photograph with the sun to your back and another pointing in the direction of the sun. Do not point the camera directly at the sun!
- 8) I will want you to download your images to a CD. If you can, you may want to size them to about 2megs. I will want to see 36 exposures. This assignment is designed to allow you to become familiar with your camera. The most important thing to remember is to have fun!

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