

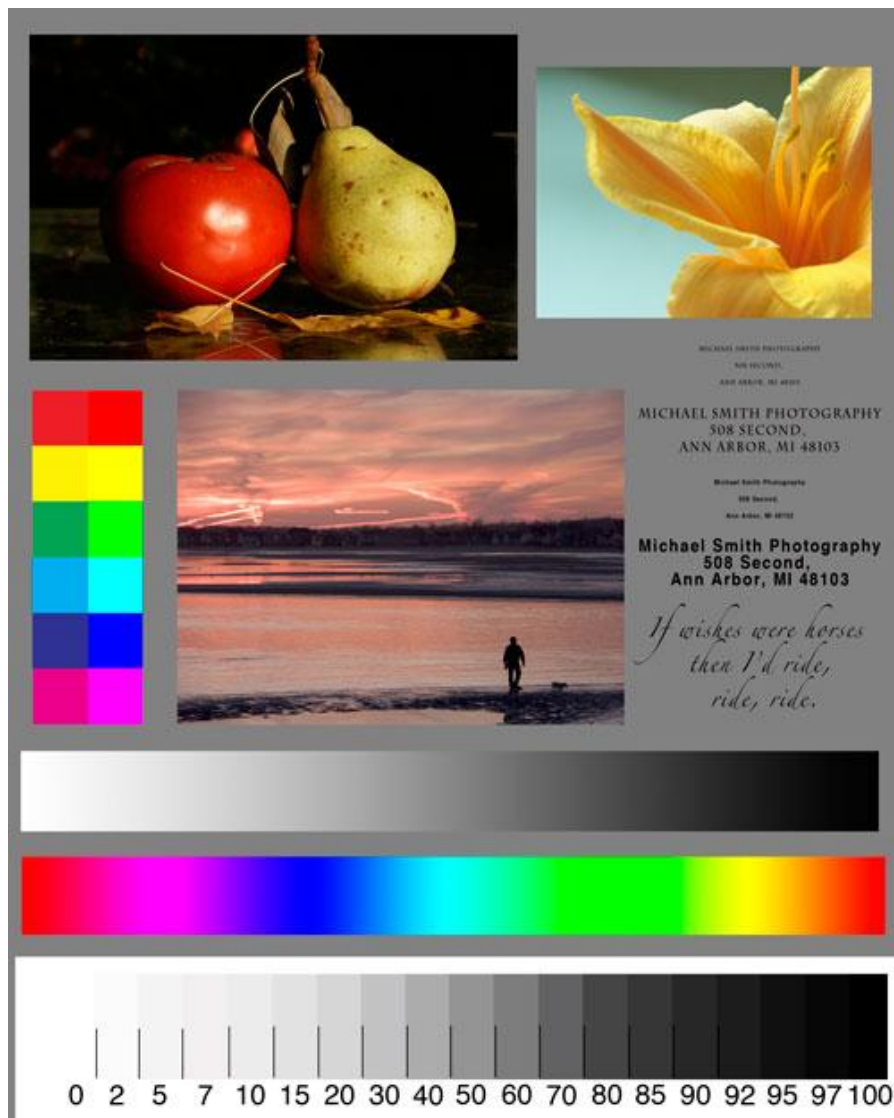
Digital Photo Imaging II

PHO 228

Project 1 - Output Test Comparison

*The negative is the equivalent of the composer's score,
and the print the performance.
~Ansel Adams*

In this project you will be creating an output test file to be printed on at least three different output devices of your choice **and** a report on the results.



Digital Photo Imaging II

PHO 228

Learning Objectives

- Demonstrate a working knowledge of monitor calibration options
- Demonstrate your ability to create an output test composite
 - Explore the following tools in Photoshop
 - Marquee Selection Tool
 - Color Picker
 - Info Palette
 - Gradient Tool
- Demonstrate your ability to prepare the same file for different output devices using ICC profiles
- Demonstrate your ability to evaluate output devices using a standardized test Monitor calibration, RGB and Profile set-up
- Observe the demonstration of monitor calibration
- Set appropriate RGB working space and Profile parameters

What to do:

1. Output Test Composite

Create a new file in Photoshop that is 7.5 X 10 inches at the 300 ppi. (Choose the highest ppi called for from your chosen output devices.)

Your test should include the following:

- neutral gray background
- measurable gray scale step wedge
- full range gray scale gradient
- full spectrum color gradient
- an assortment of measurable spot colors
- text in a variety of sizes and styles
- full range of photographic images
 - an image with good human skin tones
 - an image with a range of tones and colors (a landscape)
 - an image with extreme lighting or contrast or color

2. Output to a minimum of 3 different devices

Prepare your file for output to three chosen devices **including a professional service bureau**. Remember to use the correct ICC profile when possible.

Other possible devices include:

- inkjet printers
- color transparencies
- color laser printers

Digital Photo Imaging II

PHO 228

3. Output Test Observation Report

- **PHO228 Project 1 Observations** is in your Google Docs.
 - Make a copy and rename it “**Your Name Output Test Observations**”
 - Embed the document into “Assignment 1” on your Class Website.
- Complete the information for each output test in your Google Docs space.

This assignment was created by Don Werthmann.