

Digital Photography

Instructor: Henry Tjernlund

724-843-0725

henrytj@alumni.pitt.edu

This course covers many of the same topics as an introductory film photography course, except they concentrate on the application of digital technology. Course topics include, but are not limited to,

- composing the image
- focusing (auto, directed auto, and manual)
- exposure and compensation
- color balance
- lighting
- printing
- image archiving strategies

The student will get the most out of the course if they have access to a full featured camera that allows user controlled, or manual, exposure operations.

This year I am experimenting with adding electronic Power Point presentations to my palette of teaching tools. Most of these presentations can be found in electronic PDF format at my present web address

(users.pghconnect.com/henrytj/Instruction/DigitalPhotography/index.html)

If the web page is not accessible, please contact me at my permanent email address (given above) for the new location of the page.

There is no text for the course as the technology progresses so quickly, but some recommended books are:

- Complete Digital Photography; Ben Long; Charles River Media pub.
- Digital Photography : A simple step-by-step visual guide to taking great photographs and digitally enhancing them using Photoshop; Michael Wright; Hylas Publishing
- Understanding Exposure: How to Shoot Great Photographs with a Film or Digital Camera; Bryan Peterson; Amphoto Books
- The Confused Photographer's Guide to Photographic Exposure and the Simplified Zone System; [Bahman Farzad](#) and [Linda Voychehovski](#)

The best way to choose the right book for you is to sit down with it at a bookstore and browse through it. Many film photography issues, such as image composition, exposure, and lighting, apply equally well to digital photography.

Digital photography has several advantages over film. One is that of immediate feedback of the results, rather than waiting hours, days, or weeks. Another benefit of digital photography is that it does not require the use of environmentally hazardous chemicals to process the film and print. However, digital cameras do have toxic heavy metals in their construction and should be recycled or disposed of properly when they no longer work.