DESN 350 Digital Imaging and Photography
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Course Overview
This introductory course teaches beginning and intermediate photographers how to improve their photographic technique and to use digital cameras for **effective visual communication**.

Using their own digital cameras, students **practice** professional shooting strategies and produce practical, creative photo assignments weekly.

Students will use image-editing software for **creatively improving** communication, composition, tone and color, focusing on the basic tools and techniques most valuable to the digital photographer. All the images in daily assignments can be edited in professional imaging software to recompose, resize, crop, color correct and sharpen.

Topics include camera operation and theory, useful file formats, composition basics, composing within the frame, using natural available and artificial lighting, texture, shape, form, and line in the photograph, framing, useful tonal ranges, digital darkroom techniques, repair and retouching, compositing, portraiture, scenic and nature photography, action photography, close-up photography, and shooting products.

Activities also include delivery of files via the Internet, creating slide shows, creating secure PDF files, and preparing files for different media, including printing and the WWWeb.

Prerequisites
Participants must bring their own digital camera to this class and should *come prepared* **with the** *knowledge* of how their camera works.
Minimum requirements for the camera are:
- *Manual white balance controls*
- *Shutter and aperture priority*
- *Exposure compensation (+/-)*
- *Flash shut off*

Better
- *Manual or lockable focus*
- *Aperture larger than f2.8 (That means a smaller number than f2.8 . This is very useful. It is usually printed near the lens.)*

Anyone with an interest in this subject is encouraged to register for this course. However, we require at least basic experience using a Macintosh (OS X) *or* Windows based PC. Plus, because it is the dominant industrial tool, we use Photoshop CS in this course.

Turning in Assignments
1) Notice the assignment number in the handout.

2) Name images by week, assignment, number, revision, and your name, as in this example:
    w1a2n3r1jbraukmann.jpg

3) Complete any assigned editing. Use Photoshop's ***Image > Size*** to create a version with the longest size between 900 and 1200 pixels, and the resolution 72 dpi. This is perfect for web viewing.

4) Add a watermark (Just your name at 15% opacity)

5) Save as JPG medium+ compression (about 8).

6) Delivery Options:
    a. Post to web site folder via FTP.
    Host: ***www.drbraukmann.com***
    Username: ***stus2*** Password: ***(get it in class)***
    b. Or bring to class on CD and hand in.
    Please NOT by email, and NOT Blackboard.

(Check your images out anywhere at ***http://www.drbraukmann.com/studentFolders/s2/***)

7) Do bring your best three images to class each week and set up a slide show using *Preview* (Mac) or *View as a slide show* (Win). Or download from web quickly.

8) Then look at everyone's pictures. Vote for your top three favorite images from among those shown. ***Extra credit*** will be awarded each week if you get 3+ votes.

Grading
65% weekly images and assignments
30% quizzes and final test
5% attendance and involvement
Extra Credit: Weekly Slide Show Awards

Text
Complete Digital Photography, 5th Ed. By Ben Long

Late Assignments
Unless otherwise stated, assignments are due one week from the date they are given, **before** class begins. Late assignments will be accepted for up to one week after the due date, with a 20% reduction in points. Such late assignments can only be re-submitted with the **original evaluation slip** handed out by the instructor.

The university is committed to providing support for students with disabilities. If you are a student with physical, learning, emotional, or psychological disabilities needing an accommodation, you are encouraged to stop by Disability Support Services (DSS),TAW 124 and speak with Kevin Hills, the Manager DSS or call 509-359-6871