

# Photo 201 Schedule

FALL 2010

*Schedule subject to change at instructor's discretion.*

## **Week 1**

October 21

Syllabus / Schedule

Camera Types: PNS, SLR, TLR, Rangefinder

Camera Parts: Body, Lens, Display, Shutter Release, Battery, Memory Card, View Finder, Diopter...

Camera to Computer: Transferring, Saving, Naming, Formatting, Burning a CD

Setting Up Your Camera: jpeg, largest size, best quality, lowest ISO, auto wb, digital zoom off, sound off, adobe rgb (if possible), exposure compensation, turn off date stamp

Project #1 Assigned

## **Week 2**

October 28

Focus: Auto Focus vs. Manual Focus, Focus Points, Focus Lock, Half-Press, Image Stabilization / Vibration Reduction

The Lens: Digital Zoom vs. Optical, Field of View, Focal Length, Crop Factor (focal length multiplier for SLR cameras), Lens Markings, Cleaning and Changing (SLR's)

Shooting Modes: Manual, Automatic, Automatic with Over-ride, Partial Automatic

Controlling Exposure: Apertures, Shutter Speeds, ISO, Light Meter, Meter Modes, Histogram, Exposure Compensation, Bracketing, Reciprocal Nature of Photography, Exposure Latitude, Clipping, High Lights, Shadows, AE-L

Project #2 Assigned

## **Week 3**

November 4

Recipe Modes: portrait, landscape, sports, macro, night portrait, night landscape, museum, snow, beach, back light, flower, self-portrait, fireworks, text, black and white, natural green, retro, pet, food, etc...

More Shooting Settings: Single Shot, Multi-Shot, Burst, Self-Timer, Remote Control

Resizing Images: Resize to Email, Compression, Save for Web

Composition: Rule of Thirds, Points of Perspective, Harmony, Shooting Angle, Symmetry

Review Images from previous weeks  
Project #3 Assigned

## **Week 4**

November 11

Image Components: Formats, Sensors, Aspect Ratios, Resolution, Megapixels vs. Megabytes, PPI, DPI, File Formats, Compressed vs. Undcompressed, JPG, TIFF, RAW, NEF, CR2, CRW, DNG...

Metadata: How to View, Exif, File Properties, IPTC Core, Keywords, Copyright

Color: Settings, Color Space, Adobe 1998, Bit Depth, White Balance

Printing: Print Size vs. Resolution, Prepping Images for Printing, Profiles, ICC, Colorimeter, Online Print Services, Printing at Home

Review Images from previous weeks  
Project #4 Assigned

## **Week 5**

November 18

Flash: Auto Flash, Slow Shutter Flash, Flash Compensation, Red Eye Reduction, 1st or 2nd Curtain Flash, Shutter Drag, Shutter Sync, Low Light Shooting: Off Camera Flash, TTL, Slaves, TTL, Open Shutter (Bulb), Light Painting, Specular, Diffused, Bounced

Review Images from previous weeks  
Project #5 Assigned

## **Week 6**

December 2 (No Class November 25!)

Applications: Management vs. Manipulation, Flickr, Photobucket, iPhoto, Photoshop, Elements, Lightroom, Aperture, Picasa...

Review Images from previous weeks  
Project #6 Assigned  
Print Project Assigned

## **Week 7**

December 9

Final Review

Review Images from previous weeks  
Project #7 Assigned

## **Week 8**

December 16

**Final Exam**, Final Critique of Images, Print Project Due