

Art 365 Syllabus

Instructor: Richard Lohmann

Art 365: Beginning Digital Imaging. (For Photographers)

Mon./Wed. Afternoons 4:00 –6:00 (With 3 hours per week by arrangement)

Mon./Wed. Afternoons 3:00 –4:00 I am available in the lab for questions)

Instructor Contact: Voice mail 650/574-6365

Office 4-260

All classes will be held in the Digital Media Lab: 27/102, unless stated otherwise indicated.

Week 1.

First Class: Introduction & enrollment. Course structure, goals, assignments, lab rules, supplies, etc. Digital Cameras and equipment reviewed.

Week 2.

Mac OS test. Lecture: Overview of Photoshop/Demo of palettes/Toolbar.

Reading/Homework: Go over and Setting Photoshop Preferences. Tattoo/Rubber Stamp tool.

Week 2.

Lecture: Opening digital photographs using ICC Profiles/Resolution/Image Size/Saving as Photoshop Master files and burning CDs.

Week 3.

Lecture: Introduction to Layers, adjustment layers and layer masks.

Week 3.

Lab session. Please work on the exercise from my CD.

Week 4.

Labor Day. **No class.**

Week 3.

Lecture: Introduction to Curves. Starting with an black and white image to understand how curves allow control of contrast and density. Looking at Histograms.

Week 4.

Lecture: Selections. Opening your Photoshop files and using the Photoshop selection tools. Getting ready to create the “The Big Stupid Selection” the cornerstone of my approach to using Photoshop.

Week 4.

Lab session. Please work on the exercise from my CD.

Week 5.

Lecture: Introduction to Hue and Saturation. How Photoshop lets you modify the hue (the color) and its saturation individually and globally.

Week 5.

Images for assignments 1 and 2 are due for presentation. Five images of each assignment are due and will be shown. Please bring your images on a CD. For those with slides, I will have a carousel available that you can load before class, so arrive early.

Week 6.

Lecture: Color Correction. Using Curves and the color palette to remove a color cast; and how to use Hue and Saturation to fine-tune colors.

Week 6.

Lab session. Please exercise using my CD.

Week 7.

Lecture: Getting the most from your RAW files.

Week 7.

Lecture: Building your Master file with adjustment layers.

Week 8.

Lab session.

Week 8.

Images for assignments 3 and 4 are due for presentation. Five images of each assignment are due and will be shown. Please bring your images on a CD. For those with slides, I will have a carousel available that you can load before class, so arrive early.

Week 9.

Lab session: Work on your own images using the materials covered to date. Show me your Master files, and I will check to see if they were open properly, are in the correct color space and have the correct resolution.

Week 9.

Lecture: Introduction to Sharpening.

Week 10.

Lab session:

Week 10.

Lecture: Targeting your Master file for printing. Preparing your images for Calypso lab. They will make a Light Jet print from your image. You will make a copy of your master file, change the resolution, sharpen, flatten, profile, stroke and save as a tiff file on CD.

Week 11.

Lab session: Work your Master Files. Concentrate on finishing images.

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Week 12.

Lecture: Monitor Calibration.

Week 12.

Lab session: Work your Master Files. Concentrate on finishing images. Go to Calypso! Don't wait! You must have 3 proof prints next week.

Week 13.

Work your Master Files.

Week 13.

Lecture: in the Photography Lab--Building 4, room 263. Presenting and displaying your digital photographs. Cutting over mats, using corners and tabs.

You should be working on your Master files outside of this class, either in this lab or at home.

Week 14.

Proof Critique: You should have picked up your finished prints from Calypso. Handle with extreme care. Bring a portfolio case to ensure that your prints are not dented and damaged in transit. Show your prints in the Photography Lab--Building 4, room 263. 50% of your grade rests on this deadline.

Week 14.

No class. Campus closes at 4:30.

Week 15. Lab session: Show me the changes you have made to your images based on your proof prints.

Week 15. Lab session: Mat cutting and print finishing.

Week 16. Lab session:

Week 16. Last lab.

Week 17. Final Critique.

Show your prints in the Photography Lab--Building 4, room 263.

Week 17.

4:00-6:00 Portfolio Pick-up. Go to the Photography Lab in Building 4 room 263.

Assignments:

Photo assignment #1. *Portrait/Self-Portrait* - Five images are due for class review. The class and I, will help you select your best image. The finished print is due on the final.

Photo assignment #2. *Fragment* -- Five images are due for class review. The class and I, will help you select your best image. The finished print is due on the final.

Photo assignment #3. *Light* -- Five images are due for class review. The class and I, will help you select your best image. The finished print is due on the final.

Photo assignment #4 *Undiscovered Beauty* -- Five images are due for class review. The class and I, will help you select your best image. The finished print is due on the final.

All four prints are to be matted, signed, and presented to the class the day of the final critique. You must also submit a CD of your images sized to 640 pixels.

Supplies:

- Introduction to Digital Imaging CD. \$20.00 payable to: The Digital Club.
- Photoshop CS Fundamental Techniques DVD. (Optional) \$125.00
http://www.software-cinema.com/store/merchant.mvc?Screen=PROD&Store_Code=SC&Product_Code=PSCSFND
- A digital camera. A minimum of 3.3 Megapixels preferred. The ability to set the camera to save files in RAW file format is strongly recommended.
- Enough flash or smart memory cards to accommodate you taking photographs at a high resolution camera setting.
- An extra set of digital camera batteries.
- A card reader for your flash or smart memory cards.

Or

- A film camera. And remember only shoot color transparency film!
- 5-10 rolls of E6 color slide film and Processing (if you are using a film camera)
- Clear plastic slide pages to store your images
- 1 binder to house your handouts and film sheets

And

- Mat board for your Lightjet prints
- Mounting materials, archival tape, etc.
- A portfolio case to house your prints. (It can be inexpensive)
- Several blank CDR's
- Zip disc due on the second class.

Optional

- A portable firewire hard drive. Anything from 20 to 200 gigabytes (it can be expensive)

• **If you are shooting film, you will need your images scanned.** I recommend West Coast Imaging for their drum scans. You will have to ship your transparencies via UPS or FedEx.

• West Coast Imaging, 49774 Road 426 Suite B, Oakhurst, CA 93644
westcoastimaging.com 1/800/799-4576

Choose an 8 bit 50MB \$24.95, or the 100MB for 39.95 if you used Velvia film and a tripod.

• The Lightroom, 2231 Fifth St. Berkeley, CA 94710 (www.lightroom.com)
Toll-free 888•649-8111 / email lab@lightroom.com

Have a scan made with the Imacon Scanner. (Tell them you want a "Scan Only" not master file). For \$35.00 you will get a 260 MB 48 bit file, from a 35mm slide.

• If you are on a budget I recommend Color 200's Kodak Photo CD Pro scans. Don't go anywhere else.

Color 2000 (Color2000.com)
1269 Howard Street - San Francisco, CA
415-861-5151

http://www.color2000.com/Digital_Services/Scanning/Kodak_Photo_CD/ProPhotoCD/prophotocd.html
If you give them 8 days the Pro Scan is 8 dollars per scan.

http://www.software-cinema.com/store/merchant.mvc?Screen=PROD&Store_Code=SC&Product_Code=PSCSFND

Class Rules

- If you miss more than four classes, you will have missed too much lecture or lab time. Upon the fourth absence I have the option of dropping you.
- Be on time. Excessive lateness prevents you from hearing the most important part of the lecture -- the overview. Upon the fourth lateness incident I have the option of dropping you.
- During lab sessions you write your name on the white board when you need help. That list functions as a line or cue.
 - ▶ The first person will place the number 1 in front their name on the board, in the upper left corner. The next person will write the number 2 and their name, just below number 1. And so on. I want numerical record of the order. The board gets confusing as more and more names appear. Once row number one is finished, start row two at the top of the board, to the right of row one. I need an orderly transition from row to row.
 - ▶ Never erase anything from the board. To remove your name if you no longer need help, simply draw a line through your name.
 - ▶ Please write small enough to leave room for up to 60 names, yet clear and legible enough to be seen by those in the back row.
 - ▶ Never place your name on the board a second time until you have been first seen by me. If you place your name on the board multiple times, without having been seen, you are cheating and "cutting in line," and will be asked to leave the class. Some lab sessions, with fewer students in attendance allow me to see each student many times over. But always remember to place your name on the list for additional time only after being seen.
 - ▶ Each person gets 4 minutes of clock time. This arrangement allows me to see 30 persons in one hour of lab time. I use a timer to regulate fairness. Once your time is up please be courteous. If you consistently feel your time with me is not enough, that is a clear indication that you may need to drop the and retake the course after improving your computer skills. Most people who struggle, do so because of inadequate computer skills.
 - ▶ During a lab session, where I am folioing the order of names on the board, please don't try to "go around" the list by asking me questions.
 - ▶ At 6:00 class ends. The remaining names will not be seen. Please don't ask additional questions, as I have a class that starts at 6:30 and a line of people waiting for me outside the Photo lab.
- This class, Digital Photography has priority during the class hours from 3:00- 6:00. Students from other classes are not allowed to use computers in this lab (27-102) until class is over.
- You can't reserve a computer in the lab. First come first served. You must relinquish your computer at 6:00 to the next class. Please be prompt and courteous when shutting down your computer.
- No pets in the lab. Anyone not observing these rules or engaging disruptive or argumentative behavior will be asked to leave the class.

Specific Skills needed for Macintosh Competency

Be able to:

- Turn the computer on and off.
- Log into an account, and the ability to shut it down properly.
- Use the Dock to launch applications and store open windows.
- Be able to save files to different locations, folders and drives, including Zips and portable Firewire hard drives.
- Navigate the Mac system with confidence.
- Be able to use the computer and not get "stuck or puzzled" by normal computer operations, like saving your file to a specific location and Saving As.
- Burning CDR's on a Mac,
- Finding and locating files.
- Having the organizational skills to create folders and save your work in a way that is logical and clear, enabling you to find the file at any time.