

Word version of syllabus, taken from InDesign version which has more sophisticated format

Course title: Digital Imaging

Course number: GRA 230

3 Semester Hours

Prerequisite: GRA 140 Desktop Publishing or permission of the instructor

Grading System: A (94-100), A-(90-93), B+(87-89), B (83--86), B-(80-82), C+(77-79), C (73-76), C-(70-72), D+ (67-69), D(63-66), F (below 63).

Course Description and Rationale

Adobe Photoshop CS2, including ImageReady is the focus of this course which will provide the student with a foundation in image manipulation and graphic design with an emphasis on the web. Layer effects; image adjustment; blending modes; nested palettes of selection, painting, and correction tools will be addressed. Students will also practice the design principles of repetition, proximity, alignment, and contrast. Storyboarding and slicing in Photoshop and ImageReady will be included.

General Course Goals

At the completion of the semester, students should be able to use Photoshop to design images (composite and single) and documents using the following principles: **Proximity, Contrast, Alignment, Repetition**

The required skills include but are not limited to the following:

1. Resize headshots - all sized the same.
2. Use blending modes
3. Work with multiple layers
4. Adapt color for the web
5. Design and prepare multi-image works- collages
6. Work with masks
7. Create clipping paths
8. Work with color in the context of commercial printing
9. Use image filters
10. Apply two color filters
11. Work with multiple graphic formats
12. Create gradients
13. Use pen tool techniques
14. Use advanced photo correction techniques
15. Combine Illustrator graphics and Photoshop images
16. Slice images for the web
17. Set up a monitor for color management
18. Create an animated image
19. Optimize images for the web.
20. Report on Photoshop artist or Photoshop problem solving

Instructional Modes

Hands-on computer instruction, design workshops, individual and group work.

Instructional Materials

Adobe Photoshop CS2 Classroom in a Book

Weinman, Photoshop CS2 Visual QuickStart, Peachpit Press, Berkeley: 2005.

Williams, Robin Williams Web Design Workshop

flash drive

CDs

handouts, some on Linda Crootof website:

[www.trcc.commnet.edu/academics/academic depart](http://www.trcc.commnet.edu/academics/academic_departments/faculty/Linda_M_Crootof)

[ments/faculty/ Linda M. Crootof](http://www.trcc.commnet.edu/academics/academic_departments/faculty/Linda_M_Crootof)

Course Skills and Class Assignments

See schedule of Course Skills and Class Assignments attached.

Note: The schedule may be changed during the semester to meet the needs of the students and requested course content.

Evaluation

Students will be evaluated on the basis of 10 assignments, work in class, and attendance. The 11th assignment will be a capstone project that will count for 50% of the grade.

Students who cut more than 3 classes will have their grade reduced for each absence beyond 3, regardless of the reason for the absence.

Students will be expected to work on their assignments in the computer lab during hours when class is not in session.

College Withdrawal Policy

A student who finds it necessary to discontinue a course once class has met must provide written notice to the Registrar. Withdrawal forms are available at the Registrar's office on campus and the Three Rivers office at the Subase. Nonpunitive "W" grades are assigned to any withdrawal requested before the various unrestricted withdrawal deadlines listed in the calendars published in front of each session's course listings. Withdrawal requests received after these deadlines must bear instructor signatures indicating the student was maintaining at least a C-average at the time of withdrawal. No withdrawals are permitted after the last class preceding the final exam.

Disabled Students and Learning Disabilities Support

If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the Disabilities Counseling Services at 383-5240. To avoid any delay in the receipt of accommodations, you should contact the counselor as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received an accommodation letter from the Disabilities Counselor. Your cooperation is appreciated.

Cellular phones and beepers

Cellular phones and beepers are allowed in class only if they are turned off or turned to a silent mode. Under no circumstances are phones to be answered in class. When there are extenuating circumstances that require that a student be available by phone or beeper, the student should speak to the instructor prior to class, so that together they can arrive at an agreement.

Class #1 Photoshop work area
Graphic format Resolution

- Color for print
- Tool overview
- Selecting, feathering
- Tonal and color adjustments
- Photographic Retouching-1st steps
- Painting, gradients, swatches
- Levels and Curves
- Dodge and Burn

Class# 2 Filters
Layers
Images, Painting, Blending modes
Image vs canvas sizing; Raw & PS
Resolution
Shadows, color casts
File saving options
Opacity changes

Class #3 Selecting and Editing
More selecting Layers, Masks and Stencils
Shape tools
Flattening

Class #4 Color Modes and Layers
Blending modes
Mask modifications
Layer transformations
Layer organization
File formats

Class #5 All about type
Type tool
Type layers
Rasterizing type
Images inside type
Font substitution
Building a title plate with blocks
Channels and Masks
Channels and colors
Quick Mask
History palette
Clipping paths
Digital Tattoo

Photoshop & ImageReady for the Web

Classes # 7 and 8 **Spiff up your photographs** Preparing images for the web

Tilted images, silhouettes, sepia tone, drop shadows, artistic filters, brightening,

soft proofing, saturation tools, wild styles, type as visual element, Photoshop Web Photo Gallery, contact sheets, weighted optimization

Class #9 Photoshop tips and shortcuts

Merge layers, experiment with anti-aliased, text colors, color it perfect, quick and easy retouching. **Design within Limitations**

Use image editing software as a visual design tool; design with the browser in mind

Class #10 Class Reports on Photoshop artist or project or problem solving

Class #11 Slicing and Dicing

Avoiding the html box, overall process, balancing download speed and image quality, optimizing graphics

Class #12 Background Edges

Old fashioned, horizontal and vertically formatted tiles, large image backgrounds, jpeg photo as background, background patterns.

Class #13 Undesignated topic.

Class #14 Final Project Due May 7 at end of class