



**GRA 2577C**

**Application Training with**

# **Adobe Photoshop**

**School of Entertainment and Design Technology**

**Miami-Dade College, North Campus**

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## **Course description.**

This course is designed for students in Graphic Design, Web Design, Graphic Arts or creative professional who wish to integrate digital art, pictures, or digital color photography into their page layout, web site or drawing programs. Students will learn the creative aspects of the program such as layering and compositing images, alpha channels, special effects lighting and filters, and working with digital images. Students will also learn the basic requirements of scanning, retouching, color correction, proofing and output. Students will have ample time to learn the industry's Swiss Army Knife of Imaging, Photoshop. It is recommended for students in the degree programs of the Associate of Science or Associate of Arts in Graphic Design, Graphic Arts, Graphic Internet Technology or Photography majors. It is also recommended for creative professionals working in the advertising, graphic communications, Internet Communication, or the publishing business who wish to learn digital imaging. Prerequisite: GRA 1280c.

## **Competencies**

1. Students will learn the CPU, Hard Disk, and Ram requirements of Photoshop.
2. Students will learn the use of the toolbar and tools and their features, options and associated dialog options.
3. Students will learn how to use the numerous palettes in Photoshop such as the file browser, info, layers, color, channels, navigation, actions, and brushes palettes.
4. Students will learn how to set up Photoshop color settings for various output media such as proofing to a specific color laserprinter or to SWOP specifications for publications.
5. Students will learn the concept of layering digital images to produce artistic composited images.
6. Students will learn the basics of additive and subtractive color.
7. Students will learn to produce and save Alpha Channels.
8. Students will learn the concept of the layer mask and how to edit composited pictures with a layer mask.
9. Students will produce a magazine quality advertisement.
10. Students will produce special effects type with embossing, shadowing, and glow effects.
11. Students will learn the process of cropping to an exact size to one-sixteenth of an inch.
12. Students will be able to adjust tone reproduction in digital photographs to industry SWOP standards.
13. Students will be able to demonstrate the use of color correction tools in conjunction with color gamuts.
14. Students will use alpha-channels to produce special effects images.
15. Students will learn the use of Filing Formats for various types of media and print output.
16. Students will learn the characteristics of digital images in different file formats and compare quality levels to formats.
17. Students will learn the use of layering and compositing to produce special effects images.
18. Students will learn file formats required to import digital pictures and artwork into other applications such as web browsers, page layout programs and digital video applications.
19. Students will produce portfolio quality artwork by painting with filters using the history brush.
20. Students will demonstrate how to retouch, pixel clone, and use special effects to transform grayscale images to color images.
21. Students will learn how to use and create digital brushes to paint and airbrush color digital images.
22. Students will learn how to create and optimize digital images for use on the Internet.

## **TEXTBOOKS**

The required textbook to be used for this course is:

1. Photoshop CS The Visual Quickstart Series for Macintosh & Windows by Weinmann and Lourekas Published by Peach Pit Press, ISBN number 0-321-21353-X

## **SUPPLIES**

The following supplies will be required for this course:

1. One loose leaf binder, 1-inch spine.
2. Loose-leaf filler paper, 100 sheets.
3. Ball point pens.
4. Two 100 MB Zip disks or equivalent USB or Firewire drive.

**CLASS ATTENDANCE GRADE** Students are expected to attend every class regularly and to arrive on time for each class. Excessive absences and tardiness will affect the student's final grade average. It is the student's responsibility to make up class work and notes when absent or late for class. The attendance grade will be expressed as a percentage of the number of hours the class meets during the semester and will constitute 15% of the student's final grade.

**QUIZ GRADES** Quizzes will be given in this class. If you do not take the quiz on the assigned date, you will be given a make-up quiz and will lose 10 percent of your grade. If you are absent and excused, you will be given a make-up quiz and will not lose 10% of your grade.

## PROJECT GRADES

Projects will have an assigned due date to be completed. If they are not handed in on time they will lose one letter grade. Projects over one week past due will be recorded as an F. The projects will be graded on their neatness, completeness and accuracy of following instructions, and how well you completed the project objectives. Quiz and project grades will be 85% of your final grade.

## FINAL EXAM

The final exam will be given on the assigned date. If you do not take the final exam on the required date you must make special arrangements with the instructor to take a make-up final exam which will be longer in length and you will lose 20 percent. The Final Exam grade will count as a final project grade.

GRA 2577C is a four-credit course which meets weekly for 2 hr. of Lecture, and 4 hr. Lab ( 81.5 total minimum Hrs.) during the semester. Enough time is scheduled to complete the assigned projects during the regular hours of the course.



Special concessions, such as reserved computer workstations, will be made for the physically challenged.



In an effort to preserve the environment, recycling boxes are located around the room for refuse paper.

## GRADING SCALE

The grading scale for all elements of this course is as follows:

A =	100	-	93
B =	92	-	84
C =	83	-	70
D =	69	-	62
F =	below 62.		

## SAFETY

Please observe the following safety guidelines:

1. Note evacuation routes and procedures posted by doors inside the lab.
2. A fire alarm consists of a triple horn/buzzer effect. When a fire alarm is sounded, please exit orderly and quickly.
3. Please enter and exit only through designated doorways. All other entrances are emergency exits only and an alarm will sound if they are opened.
4. A first aid case is located in room 3133 for minor injuries.
5. Please use due care when operating flat bed and drum scanners and digital cameras.
6. Never eat, drink, or smoke in the computer labs.
7. Never touch any cabling without supervision or connect any external device without asking approval from your Professor or Lab Manager.
8. Never cover the computer's ventilation holes with books, papers, etc.
9. Never expose diskettes to extreme temperatures or magnetic fields. Never touch the magnetic media with your hands.
10. Do not bring computer games or other programs to the lab.
11. Do not attempt to Trash other students work on the server. Please be respectful of your fellow students.



Warning: Copying software is illegal.  
Do not copy programs or ask instructors to copy  
programs for you.

## PERIODICALS

1. Electronic Publishing, monthly magazine.
2. Macworld, monthly magazine.
3. Inside Photoshop, monthly newsletter.

## RESOURCES

URL's that are of assistance to anyone using Photoshop.

Adobe Photoshop support:

<http://www.adobe.com/support/training.html>

<http://www.digitaljuice.com>

<http://www.RussellBrown.com/>

Apple ColorSync:

<http://colorsync.apple.com/>