

TULANE UNIVERSITY
UNIVERSITY COLLEGE
Advanced Digital Imaging MDAR-330-81

COURSE TITLE AND NUMBER:

Advanced Digital Imaging, MDAR 330-81

Academic Term:

Fall 2007

Meeting Time:

Wednesday 6:00 p.m. - 8:40 p.m.

Instructor:

Martin Straka

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Required Materials:

- One USB flash drive 512mb or larger
- 3 ring binder note book for class notes, and handouts.

Recommended Materials:

- Adobe Photoshop CS2 (CS3) software for Macintosh or Windows

Required Texts:

Visual QuickStart Guide: Photoshop CS2 for Windows & Macintosh

Authors: Weinmann, Elaine and Lourekas, Peter

Publisher: Peachpit Press ISBN, 0-321-33655-0

COURSE OBJECTIVES:

Students will be introduced to:

- The techniques used in producing computer art in Adobe Photoshop CS2
- An understanding of digital imaging and pre-press requirements
- An understanding of the Macintosh OSX operating system

COURSE DESCRIPTION:

MDAR 330 will build upon the fundamental imaging skills learned in MDAR 230. In this class the student will learn advanced Photoshop concepts of creating masks, automating batch processes, working with spot colors and alpha channels and using clipping paths. How to create and effectively use adjustment layers, and layer effects will be covered, as well as a presentation of Photoshop's type features. Pen tool skills will be refined so that precise manipulations of an image are possible. How to compose composite images and using Photoshop to create illustrations will be presented. There will be an in depth look at the construction of bit map images along with Photoshop's compression and exchange formats. Effectively preparing images for prepress, and exporting and importing images between Photoshop and other programs will be examined. A review of MDAR 230 fundamentals will be presented during the first classes.

MDAR 230 or an equivalent introductory photoshop class is a prerequisite for this class.

EVALUATION/GRADING:

- Quizzes over material from class lectures..... 25%
- Project #1..... 25%
- Project #2..... 25%
- Final exam..... 25%

% Grading Scale for Quizzes

A = 100-96	C = 76-74
A- = 95-90	C- = 73-70
B+ = 89-87	D+ = 69-67
B = 86-84	D = 66-64
B- = 83-80	D- = 63-60
C+ = 79-77	F = 59-0

MY POLICIES FOR MDAR 330:

Attendance: Students are expected to attend every class. More than two absences, whether excused or inexcused, will result in lowering the final grade by one letter for each additional absence. Perfect attendance for the class will raise a students final grade by 2.0%.

Makeup work: If a student has missed a project or exam because of an excused absence, they must make arrangements to make-up these missed assignments. Quizzes can not be made up. A missed quizz, project or exam is recorded as a zero. The lowest quizz score for the class will be thrown out when computing the quizz average.

Academic Honesty: All students are expected to produce their own assignments. For detailed information on the University's Honor Code, see the 2007 Tulane College Catalog.

COURSE OUTLINE: MDAR 330

(For every class lecture, a short quiz will be given at the beginning of the next class)

Class #1, Aug. 29

Chapter 1, 2, 3, 5,6, 8 & 24. (skip pages 6-32, pages 38-64, and pages 88-92). *Launching Photoshop, resizing, cropping, rotating, and saving work. Using the navigator menu, image resolution, canvas size, making and modifying selections. Making and modifying selections. Creating paths with the Pen Tool.*

Homework computer practice and reading assignment: Chapter 24, 23 & 27.

Class #2, Sept. 5

Quiz#1 over lecture from Class #1

Chapters 24 (cont.) 23 & 27. *Creating paths with the Pen Tool. Working with & reshaping paths. Shape tools. Working with & reshaping paths. Shape tools. Filtes and Liquify.*

Homework computer practice and reading assignment: Chapter 9 & 7.

Class #3, Sept. 12

Quiz#2 over lecture from Class #2

Chapter 9 & 7. *Compositing, moving, cutting, copying, pasting and cloning. Layer basics, creating and using layers.*

Homework computer practice and reading assignment: Chapter 14, 26, 11, 12, & 13.

Class #4, Sept. 19

Quiz#3 over lecture from Class #3

Chapter 14, 26, 11, 12 & 13. *Brushes & Gradients.Using brushes. Creating custom brushes. Making gradients. Tonal and Color Adjustments. Working with tone & color to modify an image. Creating colors for foreground and background.*

Prepare for Project # 1/1 next week.

Class #5, Sept. 26

No quiz

Project #1/1: Project content to be announced during Class #5.
Prepare for Project # 1/2 next week.

**Project
#1**

Class #6, Oct. 3

Project #1/2: Continuation of Project# 1-1 from previous week.
Prepare for Project #1/3 next week.

**Project
#1**

Class #7, Oct. 10

Project #1/3: Continuation of Project# 1-2 from previous week.
Prepare for chapters 11 & 10

**Project
#1**

Class #8, Oct. 17

Lecture: chapters 11 & 10 *Adjustment layers and commands. Using the history palette, using snapshots and restoring and erasing in the history palette.*

Computer practice and reading assignment homework: chapter 20.

Class #9, Oct. 24

quiz#4 over lecture from Class #8

Lecture: chapter 20 *More about layers. Layer opacity and layer effects. Blending layers. Layer masks, clipping groups and linking layers.*

Computer practice and reading assignment homework: chapters 22 and (8.)

Class #10, Oct. 31

quiz#5 over lecture from Class #9

Lecture: chapters 22 & (8) *Creating and using masks. Alpha Channels, quick masks, pages 134-136 creating masks using the extract filter.*

Prepare for Project # 2/1 next week.

Class #11, Nov. 7

No quiz

Project #2/1: Project content to be announced during Class #10.
Prepare for Project # 2/2 next week.

**Project
#2**

Class #12, Nov. 14

Project #2/2: Continue Project #2.
Prepare for Project # 2/3 on Nov. 28

**Project
#2**

No Class Nov. 21, Thanksgiving

Class #13, Nov. 28

Project #2/3: Continue Project #2.
Reading Assignment homework: Chapters 31, 28, 25 & 32

**Project
#2**

Class #14, Dec. 5

Lecture: chapters 31, 28, 25 & 32 *Creating spot color channels and duotones (pages 478-483.) Automating Photoshop operation. Text features in Photoshop. Exchange and compression formats in Photoshop.*
Computer practice and reading assignment homework: review for final next week.

Class #15, Dec. 12

Final exam 6:00- 8:40 P.M.

Final Exam