

Crafton Hills College Course Outline

1. **Discipline:** Computer Information Systems
2. **Department:** Information Technologies
3. **Course Title:** Introduction to Photoshop
4. **Course I.D:** CIS 163
5. **Prerequisite(s):** None
Corequisite(s): None
Departmental Recommendation(s): None
6. **Semester Units:** 3
7. **Minimum Semester Hours:**
Lecture: 48 **Lab:** 0 **Clinic:** 0 **Field:** 0

8. **Need for the Course:**

Photoshop is widely used throughout the world in the private and public sector and in educational institutions to design, create and manipulate graphic images for Web pages and publications. For this reason, students, business people, and computer professionals are requesting that this course be included in our curriculum. This course applies to the Associate of Science degree as well as to the certificate requirements for Computer Information Systems. Transfers to CSU.

9. **Goals for the Course:**

CIS 163 enhances the CIS discipline by offering additional training to the personal user, business user, and programmer. Training in this area will enable our students to more employable by having more depth of training in the area of graphic design for Web pages and publications. It will also provide training for businesses and for current Web page designers who want to update or expand their skills. This course is appropriate to the college mission in that it is part of a complete vocational education program leading to employment.

10. **Catalog Description:**

Design, creation, and manipulation of original and existing images and photographs using PhotoShop.

11. **Schedule Description:**

Design, creation and manipulation of original and existing images and photographs using PhotoShop.

12. **Entrance Skills:**

- A. Requisite Skills:** None

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Last Updated: 04/07/2004

Board Approved: 5/13/04

Semester Effective: Fall 2004

B. Recommended Skills: None

13. Course Objectives:

Upon satisfactory completion of the course, students will be able to:

- A.** Compare and contrast color models (L*a*b, HSB, CMYK, RGB).
- B.** Describe the use and misuse of color adjustment and photo enhancement using graphics programs.
- C.** Design and create original art using PhotoShop.
- D.** Retouch photographs using PhotoShop.
- E.** Create professional looking graphics using PhotoShop.
- F.** Demonstrate the use of the tools available in the PhotoShop toolbox.

14. Representative Texts and Instructional Materials:

McFarland, D. (2003). *PhotoShop the Missing Manual*. Sebastopol, CA: O'Reilly Pogue Press.

Reding, E. (2004). *Adobe PhotoShop 9*. Boston, MA: ITP.

15. Course Content:

- A.** Introduction to Photoshop
- B.** Copyrights and Ethical Decisions
- C.** Incorporating Color Techniques
 - 1. L*a*b
 - 2. HSB
 - 3. CMYK
 - 4. RGB
- D.** Making Selections
 - 1. Combining images
 - 2. Selection tools
 - 3. Using shapes
 - 4. Marquees
 - 5. Vignette effects
- E.** Placing Type in an Image
 - 1. About type
 - 2. Purpose of type
 - 3. Creating type
 - 4. Spacing and baseline shift
 - 5. Drop shadows
 - 6. Anti-Aliasing
 - 7. Bevel and Emboss
 - 8. Special effects
- F.** Painting Tools
 - 1. Painting pixels
 - 2. Painting tools
 - 3. Brush libraries
 - 4. Painting and patching an image
 - 5. Creating and modifying brush tips
 - 6. Color smudging
 - 7. Airbrush effects
- G.** Layers

1. Enhancing an image
2. Modifying specific areas
3. Layer masks
4. Layer content
5. Color blending
6. Eliminating a layer mask
7. Adjustment layers
8. Creating a clipping group
- H. Special Effects with Filters
 1. Artistic filters
 2. Stylize filters
 3. Distort and Noise filters
 4. Render filters
- I. Enhancing Specific Selections
 1. Modifying objects
 2. Creating an alpha channel
 3. Extract and isolate
 4. Imperfections
 5. Creating snapshots
 6. Multiple-image layouts
- J. Adjusting colors
 1. Correct and adjust
 2. Saturation
 3. Color channels
 4. Color samplers
- K. Clipping, Groups, Paths and Shapes
 1. Clipboard as a mask
 2. Pen tools
 3. Shapes
 4. Convert Paths and Selections
- L. Transforming Type
 1. Working with type
 2. Transforming and warping
 3. Creating special effects with type
- M. Liquifying an Image
 1. Distorting images
 2. Freeze and thaw
 3. Mesh
- N. Performing Document Surgery
 1. Understanding realities
 2. Making Decisions
 3. Deleting unnecessary images
 4. Correcting colors
 5. Fixing a background
- O. Annotating and Automating a Document
 1. Creating annotations
 2. Communicating directly to your audience
 3. Using automation
 4. Ensuring consistency
- P. Creating Web Documents
 1. Photoshop and Web documents
 2. Web graphics
 3. ImageReady
 4. Creating buttons

5. Creating slices
6. Creating and playing basic animation
7. Tweening and frame delay
8. Rollover effects

16. Methods of Instruction:

The course will combine lecture, class discussion, computer-aided presentations, collaborative work and computer-based activities..

17. Assignments and Methods of Evaluation:

Students will complete a variety of exercises, projects and examinations. Projects and/or exercises, and examinations will consist of modifying existing graphic documents or creating new ones.

Projects/exercises:	30 – 50%
Examinations:	10 – 30%
Quizzes/in-class work:	10 – 20%
Collaborative group work:	20 – 30%

18. Distributed Education Methods: None