CIS173.31A Course Outline as of Spring 2002

CATALOG INFORMATION

Dept and Nbr: CIS173.31A   Title: ADOBE PHOTOSHOP ELEMENTS
Full Title: Adobe PhotoShop Elements for Basic Image Editing
Last Reviewed: 10/4/2010

Units			Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00		Lecture Scheduled	4.00	8	Lecture Scheduled	32.00
Minimum	1.00		Lab Scheduled	0	2	Lab Scheduled	0
			Contact DHR	0		Contact DHR	0
			Contact Total	4.00		Contact Total	32.00
			Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 64.00   Total Student Learning Hours: 96.00

Title 5 Category: AA Degree Applicable
Grading: Grade or P/NP
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly:

Catalog Description:
Designed for the graphics beginner, this course uses Adobe Photoshop Elements to enhance images from a digital camera or scanner. It includes a brief introduction to digital images, pixel painting, layer manipulation, type, and filters.

Prerequisites/Corequisites:
Course Completion of CS 101A (or CIS 101A) OR Course Completion of CS 105A (or CIS 105A or CIS 81.5A or BDP 81.5A) OR Course Completion of CS 5 (or CIS 5 or BDP 5 or BDP 51)

Recommended Preparation:
Eligibility for ENGL 100B or ENGL 100.

Limits on Enrollment:

Schedule of Classes Information:
Description: Adobe Photoshop Elements is a low end image editing program. Designed for the graphics beginner; course uses Elements to enhance images from a digital camera or scanner. It includes an introduction to digital images, pixel painting, layer manipulation, type, and filters. (Grade or P/NP)

Prerequisites/Corequisites: Course Completion of CS 101A (or CIS 101A) OR Course Completion of CS 105A (or CIS 105A or CIS 81.5A or BDP 81.5A) OR Course Completion of CS 5 (or CIS 5 or BDP 5 or BDP 51)
Recommended: Eligibility for ENGL 100B or ENGL 100.
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**		Effective:	Inactive:
CSU GE:	**Transfer Area**		Effective:	Inactive:
IGETC:	**Transfer Area**		Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:	
UC Transfer:		Effective:	Inactive:	

CID:

Certificate/Major Applicable:
Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Students will:
1. Identify the major parts of the Photoshop Elements workspace
2. Open, edit, and save digital images
3. View images at varying magnifications
4. Use the layers palette to show, hide, delete, and reorder layers
5. Choose foreground and background colors
6. Paint on an image
7. Apply a gradient to an image
8. Place type with a layer effect to an image
9. Apply filters to selected images
10. Remove red-eye effects from images
11. Follow recipes in order to complete multi-step tasks
12. Use Picture Package and Web Photo Gallery tools
13. Discuss basic printing issues

Topics and Scope:

1. Digital images basics
   a. What is a digital image?
   b. Methods of importing images into a computer
      1) Digital cameras
      2) Scanners
2. Photoshop Elements basics
   a. The workspace

b. Palette manipulation
  c. Tool selection
  d. Document views with the Zoom tool and Navigator palette
  e. Opening and saving files
3. Key Photoshop Elements tools
  a. Pencil, Paintbrush, and Airbrush
  b. Marquee and Lasso
  c. Gradient
  d. Type tool
  e. Paint Bucket
  f. Red-Eye Brush
4. Foreground and background colors
  a. Eyedropper tool
  b. Swatches palette
5. Layer manipulation
  a. The Layers palette
  b Background vs. layers
  c. Hide/show layers
  d. Layer order
  e. Layer transparency and blending modes
  f. Layer effects
6. Filters and special effects
  a. Filters palette
  b. Effects palette
  c. Recipes palette
  d. Enhance menu options
7. Modifying Images
  a. Following Recipes
  b. Using the Enhance menu
8. Automated tools
  a. Picture Package
  b. Web Photo Gallery
9. Basic printing issues
  a. Printing at home
  b. Outside printing

Assignment:

1. Complete interface worksheet
2. Use basic painting and editing tools to create images
3. Use Recipes to modify images
4. Create picture packages from given images
5. Reading of approximately one chapter per week

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems	Problem solving 20 - 40%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances	Skill Demonstrations 40 - 70%

Exams: All forms of formal testing, other than skill performance exams.

None	Exams 0 - 0%

Other: Includes any assessment tools that do not logically fit into the above categories.

Class participation and attendance	Other Category 10 - 20%

Representative Textbooks and Materials:
"Photoshop Elements Solutions", by Mikkel Aaland - Sybex 2001