

CIS 73.39A Course Outline as of Spring 2008**CATALOG INFORMATION**

Dept and Nbr: CIS 73.39A Title: ADOBE ILLUSTRATOR WEB 1

Full Title: Adobe Illustrator Web Graphics 1

Last Reviewed: 4/29/2002

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	2.00	6	Lecture Scheduled	12.00
Minimum	1.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	2.00		Contact DHR	12.00
		Contact Total	4.00		Contact Total	24.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 24.00

Total Student Learning Hours: 48.00

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: CIS 83.14C

Catalog Description:

Using Adobe Illustrator to produce web graphics. This course explores the creation of PDF, GIF, JPEG, and Flash files. Topics include working with web safe colors, pixel support in Illustrator, creating image maps, using the Save for Web menu and transforming blends into animations.

Prerequisites/Corequisites:

Course Completion of CS 71.11B (or CIS 73.35B or CIS 73.36 or CIS 83.14B) and Course Completion of CS 50.11A (or CIS 58.51A or CIS 84.42A)

Recommended Preparation:

Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:**Schedule of Classes Information:**

Description: Using Adobe Illustrator to produce web graphics. This course explores the creation of PDF, GIF, JPEG, and Flash files. Topics include working with web safe colors, pixel support in Illustrator, creating image maps, using the Save for Web menu and transforming blends into animations. (Grade or P/NP)

Prerequisites/Corequisites: Course Completion of CS 71.11B (or CIS 73.35B or CIS 73.36 or

CIS 83.14B) and Course Completion of CS 50.11A (or CIS 58.51A or CIS 84.42A)

Recommended: Eligibility for ENGL 100 or ESL 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:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

Students will be able to:

1. Analyze graphic images and evaluate how they would display in the PDF, GIF, JPEG, PNG, Flash and SVG graphic file formats
2. Create graphics using web safe colors
3. Analyze a Web navigational problem, and solve it using an image map designed in Illustrator
4. Create graphics using Illustrator support for pixels
5. Analyze the appropriate techniques which should be employed to Export Illustrator graphics to Web and PDF formats
6. Correlate the relationship between a Flash animation and an Illustrator blend
7. Incorporate Illustrator styles into Web site navigation while applying user-interface theory
8. Compare and Contrast the functionality of using Illustrator vs Photoshop, ImageReady, or Fireworks when creating Web Graphics

Topics and Scope:

1. Illustrator file formats
 - a. GIF, JPEG and PNG graphics
 - b. PDF files
 - c. Flash graphics
2. Illustrator commands and features
 - a. Web safe palettes and libraries
 - b. Color shifts
 - c. Creating an image map

- d. Working with pixels in Illustrator
- e. Using the Effect menu and Styles palette
- 3. Exporting static images
 - a. Save for Web menu options
 - b. Using optimization settings for GIF, JPEG and PNG graphics
 - c. Creating and editing PDF files
- 4. Flash graphics and animations
 - a. Designing Flash files
 - b. Working with Illustrator layers and sublayers
 - c. How to view Flash files
 - d. Turning blends into animations
 - e. Setting Flash options

Assignment:

The student will create 5 different graphic files and place on a web page.
Students will take tests.

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, Quizzes, Exams

Problem solving
25 - 60%

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

Class performances

Skill Demonstrations
15 - 50%

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

Multiple choice, True/false, Completion

Exams
25 - 60%

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

None

Other Category
0 - 0%

Representative Textbooks and Materials:

1. "Using Illustrator 9", by Suzanne Sayegh Thomas - Onword Press 2001
2. "Real World Adobe illustrator 9", by Deke McClelland and Sandee Cohen - Peachpit Press 2000