

OAKTON COMMUNITY COLLEGE
GENERIC COURSE SYLLABUS

I.	<u>Course Prefix</u>	<u>Course Number</u>	<u>Course Name</u>	<u>Credit:</u>	<u>Lecture</u>	<u>Lab</u>
	ART	250	Computer Art	3	0	6

II. Prerequisites:

ART 105 is recommended

III. Course (catalog) Description:

A hands-on studio graphic arts course that uses the computer as its primary tool for generation and manipulation of visual images. Use of computer hardware, software as well as additional peripheral components as media to create, store, sort, alter, combine and otherwise manipulate images as ideas for use in both fine and applied art and design.

IV. Learning Objectives:

1. Use of computer hardware and software to develop technical and creative skill to produce unique visual images.
2. Use of appropriate hardware and software to develop enhancement of aesthetic and conceptual visual problem solving. Mastery of this hardware and software to reinforce artist's/designer's concept.
3. To understand and use the design process in image making.
4. Exhibit the ability to use color in an effective manner.
5. To exhibit craftsmanship skills necessary in the production of images

V. Academic Integrity:

The very nature of higher education requires that students adhere to accepted standards of academic integrity. Therefore, Oakton Community College has adopted a Code of Academic Conduct and a Statement of Student Academic Integrity. These may be found in

the Student Handbook. You may also find a summary of the Code of Academic Conduct in the College Catalog. Among the violations of academic integrity listed and defined are: cheating, plagiarism, falsification and fabrication, abuse of academic materials, complicity in academic dishonesty, falsification of records and official documents, personal misrepresentation and proxy, and bribes, favors and threats.

It is the student's responsibility to be aware of behaviors that constitute academic dishonesty.

Pursuant to the due process guarantees contained in the Policy and Procedures on Student Academic Integrity, the minimum punishment for the first offense for a student found in violation of the standards of academic integrity is failure in the assignment. In addition, a disciplinary record will be established and kept on file in the office of the Vice-President for Student Affairs for a period of 3 years.

VI. Outline of Topics:

- A. The computer and Electronic Imaging
 - 1. Measurements and Hardware
 - a. CPU and storage
 - b. Input, process, output
 - c. Byte and bit
 - 2. Resolution and Quality
 - a. Size of image
 - b. Pixels per inch
 - c. Byte size
- B. Design Principles
 - 1. Order versus rhythm
 - 2. Harmony and repetition
 - 3. Isolation Dominance
 - 4. Proportion
 - 5. Balance
 - 6. Color theory
- C. Media and drawing
 - 1. Brushes
 - a. Watercolor
 - b. Chalk
 - c. Charcoal
 - d. Markers
 - e. Pen
 - f. Pencil
 - 2. Paper and texture
 - 3. Drawing on the right side of the brain
 - a. Drawing with the computer
 - b. Drawing exercises

4. Mixed media
- D. Cloning
 1. Tools
 2. Tracing paper
 3. Multiple imaging and Montage
 4. Copy and paste
- E. Masks, Layers, and Channels
 1. Tools
 2. Alpha channels
 3. Concepts of layering
 4. Blending
- F. Luminosity and stroking
- G. Vector drawing
 1. Tools
 2. Creating shapes
 3. Resolution issues
 4. Manipulation of shapes
- H. Special Effects
- I. Introduction to Animation
- J. Mounting and Preparation of work for portfolio and exhibition

VII. Methods of Instruction:

This course will be taught using a combination of lecture, demonstration, presentation and hands-on studio time at the college's computer workstations. Students will print their work using the college's ink jet printers and mount their work using the college's mat cutters. Also included is access to and use of the design studio and photography lab.

VIII. Course Practices Required:

1. Attend all classes and lab sessions
2. Attend all critiques with completed work
3. Complete all artwork by due date
4. Present a portfolio of 12 finished and mounted prints at the final critique.
5. Maintain professional attitude

IX. Instructional Materials:

1. 30 sheets of 8x10 ink jet photographic glossy paper
2. 12-11x14-museum grade white board (4 ply) and 12 backing boards (2 ply) 11 x14 for mounting.
3. Zip disk (100mgb)

X. Methods of Evaluation:

A. Grading

The final grade will be based upon the following elements and their weights:

1. Quizzes 25%
2. Critiques 25%
3. Final Test 25%
4. Final Critique 25%

B. All prints will be evaluated in the following manner:

4. Print quality
5. Craftsmanship
6. Use of design principles and methods of solving visual problems given in class.

C. Critique

The critique offers you the opportunity to show your work to the class and to the instructor and obtain feed back critical to the development of your own work. There will be four critiques. The following will be do at each critique:

Critique #1 assignments 1,2,3

Critique #2 assignments 4,5,6 (mounted)

Critique#3 assignment 7,8,9 (mounted)

Final Critique #4 assignments 10,11,12 (mounted) and a portfolio review of all you work

D. Final Examination

A final examination will be administered at the end of the semester on the date indicated on the class schedule sheet. The final examination will consist of 25 multiple-choice questions.

E. Quizzes

Quizzes will be administered at the critiques.

F. Attendance

Attendance is mandatory at critiques and quizzes. Any critique that you do not attend (unless approved by the instructor) will cause you to receive a lower grade for that quiz and the critique.

G. Assignments

All assignments are due at the critiques as scheduled.

XI. Other Course Information:

Attendance is required at all critiques and quizzes. Lab hours will be posted, and free lab time will be supplied to the student.

If you have a documented learning, psychological, or physical disability you may be entitled to reasonable academic accommodations or services. To request accommodations or services; contact the ASSIST office in the Learning Center. All students are expected to fulfill essential course requirements. The College will not waive any essential skill or requirement of a course or degree program.

Effective beginning term: Summer 2003

ending term: _____

Syllabus prepared by: Bernard Krule

Date: July 03, 2003

Reviewed by Chair: Bernard Krule

Date: July 03, 2003

Approval by Dean: Linda A. Korbel

Date: July 03, 2003