

Revised by MCG December 22, 2013

ART/JRN/FLM F371 O: DIGITAL IMAGING

3 credits Fall 2013

Instructor: Miho Aoki

MW 9:00 – 11:30 a.m. Bunnell Room 128

Office Hours: TBA or by appointment

E-mail: maoki3@alaska.edu

Course Description:

This course focuses on creating and manipulating digital images, including digital painting, digital photography, and digital video compositing. The varied ethical issues engendered by this expertise will be addressed in depth. Skills and knowledge useful for digital photography, digital video compositing and digital painting will be covered. Special fees apply.

Prerequisites: ART F161 or ART 271 or ART F284 or FLM F290 or JRN F204 or JRN F290; and COMM F131X or COMM F141X.

Course Goals:

- to engage creative thinking as well as critical thinking
- to encourage students to develop personal aesthetics
- to present contemporary issues in the digital photography field
- to provide basic knowledge of creating and manipulating images on computers
- to apply the fundamental visual art, photography and communication design principles to digital images through hands-on projects
- to apply newly obtained skills to produce images that stand on their own

We will use software such as Adobe Photoshop and Adobe Illustrator for class works. Becoming familiar with the software package is essential to producing good works. However, the ultimate goal of this course is to apply newly obtained skills to produce images that stand on their own. The object is not simply to learn the software packages.

Student Learning Outcomes:

- Basic understanding of visual designs, drawing, painting and manipulating photographs on computers
- Basic knowledge of digital imaging technology
- Skills to create images with vector graphics applications
- Skills to create and manipulate images with raster graphics applications
- Skills to composite photo-realistic images on computers

Required Materials:

- USB drives to back up and transfer files
- Pencils and sketch book / notebook

Other Requirements:

- Blackboard and Alaska.edu Google Drive access
- Please check your Alaska.edu e-mail everyday as class announcements will be sent to your Alaska.edu e-mail address from Blackboard.

Grading Opportunities:

- In-class exercises – your grades for these are averaged and depend, to a degree, on your attendance (20%)
- Project 1: Type (15%)
- Project 2: My Self-Portrait in Style (15%)
- Midterm Oral Presentation (10%)
- Project 3: Impossible Landscape (15%)
- Project 4: Painting/Drawing Project (15%)
- Final Oral Presentation (10%)

As shown directly above, 20 percent of the graded work in this course is based on effectiveness of oral communication. Students will receive intermediate instructor assistance in developing presentational competency. Students will receive instructor feedback on the success of their efforts at each stage of preparing their midterm presentations and final presentations. Students will utilize their communication competency across the span of the semester.

Grade Scale:

- A: 90 to 100 points
- B: 80 to 89.99 points
- C: 70 to 79.99 points
- D: 60 to 69.99 points
- F: less than 60 points

In-class Exercise Grading Standard:

In-class exercises are participative hands-on projects for learning software skills and sharing creative ideas. All in-class exercises are due at the end of the class. You can submit the exercise later if you miss a class only for UAF official business, illness and other serious reasons. You have to provide written proof for why you have to miss or have missed a class. If you missed a class for an unexpected reason and make up an exercise of the missed day, you'll receive only partial points.

P: 5-10 points (varying points)

Student participated in the in-class exercise time. Work is complete and submitted on time and shows mastery of the technical skills required for the exercise. The work shows the student's careful consideration on the color choices, composition and other artistic aspects of the image.

I: 2 points

Work is submitted on time but doesn't show the technical skills required for the exercise or work is incomplete. This grade will be changed to P if the student completes the work and submits it later.

F: 0 points

The student did not participate in the in-class exercise time and did not hand in work.

Project Grading Standard:

14 to 15 points

Work is original, unique, ambitious and outstanding in concept, design and execution. Risk taking and experiment are essential. Execution of work is considered excellent and shows an understanding and experiment with materials and techniques. All work must be finished on time and presented clearly and attractively. Technical challenges must be actively tackled and overcome.

12 to 13 points

Work is well executed with a high degree of competency and range of techniques. Work meaningfully fulfills the criteria of the assignment and communicates the concept. Work is presented and on time.

10 to 11 points

Work is complete but average in concept, design and technique.
Work is limited by technical weakness and limited technique.
Although satisfactory the work could use improvement.

8 to 9 points

Work is poor in design, concept and execution.
Work is poorly presented or unfinished.
Work is not innovative, creative or reflecting self-motivation.
Technical skills are not mastered.

0 to 7 points

The student did not hand in work.
Work does not address the criteria of the assignment.
Work fails to meet the minimum requirements of the Professor in quality or quantity.

Academic Honesty:

The University of Alaska requires students to conduct themselves honestly and responsibly, and to respect the rights of others. In class assignments, students must submit work that fairly and accurately reflects their level of accomplishment. Any work that is not a product of the student's own effort is considered dishonest. Students may not submit the same work for more than one class. Please refer to

the Student Code of Conduct for additional information regarding the policy on academic honesty.

Class:

The class will have about 1 hour lecture and 4 hours studio time per week. Students are expected to bring their projects to the class and work during the studio time. Checking e-mails, typing papers for other classes, playing games, browsing the Internet, instant messaging, using cell phones and other activities not related to the class should be done during breaks or outside class time. Typing, excessive clicking, listening to music are not allowed during presentations and lectures. Students are expected to spend at least several hours/week outside of the class to complete assignments. The lab will be available to students except during the time slots used by other classes.

Students must save and back up files. Do not store your projects only on the lab computers. Please save often and back up your files.

Attendance:

If you miss more than 3 classes, your final grade will be reduced. If you miss more than 5 classes, you will receive F for your final grade.

Disabilities Services:

The Office of Disability Services implements the American with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. We will work with the Office of Disabilities Services (208 WHIT, 474-5655) to provide reasonable accommodation to students with disabilities.

Class Schedule Attached:

ART 371

Week #	Date	Day	Class #	EX #	Exercise	Art Lecture	Tech Lecture	Skill Demo	Studio Time	Homework by next class
Week 1	Sep-5	Wed.	Class 1	-	-	Introduction, Syllabus				
Week 2	Sep-10	Mon.	Class 2	EX 1	Making Faces			Illustrator Basics	EX 1	
Week 2	Sep-12	Wed.	Class 3	EX 2	Making Shapes	Simple Shapes	Vector Graphics, Boolean	Path Finder	EX 2	
Week 3	Sep-17	Mon.	Class 4	EX 3	Drawing Shapes	Assignment 1 Announcement	Bezier Curve	Pen Tools	EX 3	
Week 3	Sep-19	Wed.	Class 5	EX 4	Tablet Drawing	Contour and Cross Contour		Brush and Tablet	EX 4	Make sure to bring photos to the next class
Week 4	Sep-24	Mon.	Class 6	EX 5	Self Portrait	A1 Idea Due		Tracing and Pattern	EX 5, A1	
Week 4	Sep-26	Wed.	Class 7	-	-	A1 Studio Time			A1	Work on A1
Week 5	Oct-1	Mon.	Class 8	EX 6	Fish	A1 First Critique		Gradient Mesh	EX6, A1	Work on A1
Week 5	Oct-3	Wed.	Class 9	EX 7	Coloring	Style, Moodboard, A2 Announcement		Bucket	EX 7	Work on A1
Week 6	Oct-8	Mon.	Class 10	EX 8	Re-Coloring	Color Scheme	Colors on Computer	Re-color tool	EX 8	
Week 6	Oct-10	Wed.	Class 11	EX 9	Custom tools			Spray, Patterns, Brush	EX 9	Prepare for Midterm Presentation, Finish up A1
Week 7	Oct-15	Mon.	Class 12	-	-	Midterm Presentation			Presentation	Work on A2
Week 7	Oct-17	Wed.	Class 13	-	-	Studio time for A2		Illustrator Tool review	A2	Work on A2
Week 8	Oct-22	Mon.	Class 14	EX 10	Painting		Pixels	Pen tool	EX10	Finish up A2
Week 8	Oct-24	Wed.	Class 15	EX 11	Pop Art	A2 Due, Quick Critique		Selection, History	EX 11	
Week 9	Oct-29	Mon.	Class 16	EX 12	Color Correction	A3 Announcement	Bit Depth, Resolution	Histogram	EX 12	
Week 9	Oct-31	Wed.	Class 17	EX 13	Rotoscoping	Digital Manipulation			EX 13	
Week 10	Nov-5	Mon.	Class 18	EX 14	I've been there	Photo Manipulation Ethics			EX 14	A3 Essay Due
Week 10	Nov-7	Wed.	Class 19	EX 15	Signs Everywhere	Linear Perspective, A3 Idea Mini Presentation		Distorting images	EX 15	A3 Idea Due
Week 11	Nov-12	Mon.	Class 20	EX 16	Faking Lens	Lens artifacts			EX 16	
Week 11	Nov-14	Wed.	Class 21	EX 17	Math with Pixels I		Color Arithmetic	Layer Options	EX 17	
Week 12	Nov-19	Mon.	Class 22	EX 18	Math with Pixels II		Custom Layers	Convolution Filters	EX 18	Work on A3
Week 12	Nov-21	Wed.	Class 23	EX 19	Magazine Cover	A4 Announcement		Vector and Layer Effects	EX 19	Work on A3
Week 13	Nov-26	Mon.	Class 24	-	-				A3, A4	Finish up A3
Week 13	Nov-28	Wed.	Class 25	-	-	A3 Critique			Presentation	
Week 14	Dec-3	Mon.	Class 26	EX 20	Replacing Colors				EX 20	Be ready to show your A4 in progress
Week 14	Dec-5	Wed.	Class 27	-	-	A4 Work in Progress Check			A4	
Week 15	Dec-10	Mon.	Class 28	-	-	A4 Studio Time			A4	Finish up A4 for Final Presentation
Final Exam	Dec-12	Wed.	Final	-	-	Final Presentation			Presentation	