

ART 2501C Painting:Investigations in Color	Semester/Year: Spring 2022
Meeting Times/Location: M/W FAD	Credit Hours: 3
Instructor: Jeremiah Jossim FAD 105 M-W 5-7 (11:45-2:45)	Office Location/Hours: Wednesday 3:00-4:00 Appointment via Zoom
Instructor Email: jeremiahjossim@ufl.edu	

Course Description:

- Investigation of color interaction and its role in pictorial composition
- Exploration of color and light as well as the expressive use of color in painting

Color and Composition is a problem-solving course that introduces the fine arts major to the fundamental elements and principles of two-dimensional design as a foundation for all of the visual arts. The course broadens the understanding of compositional dynamics, compositional methods, and shape theory. The class involves the study of color theories in conjunction with studio problems allowing the student to investigate the physical, perceptual, psychological, and organizational properties of color. Color is explored as a phenomenon of light, pigment, and as an expressive and symbolic element. In addition, students strive to develop critical thinking and research skills. The projects will consist of formal color theory projects as well as observational and abstract painting that reflects the color theories that are being taught.

Course Objectives:

KNOWING COLOR

Understanding the distinct and separable parts of color
Sensing the nature of color experience

SEEING COLOR

Identifying the qualities of color
Interpreting the world as color

USING COLOR

Combining what is known (color theory) with what is seen (color perception)
Creating light, space, and movement with color and shape

TOPICS

- **Color Theory and Applied Color**
 - o Mutual intensification: Principles of interaction in value, chroma, and hue (temperature and complements)
 - o Color/space
- **Color Usage** (optical, psychological, local color)
- **Color Mixing** (additive, subtractive)
- **Figure-Ground Relationships**
 - o Figure/ground reversal, Figure/ground tension, Figure/ground pulse, Convex/concave edges
- **Shape interaction—Positive and Negative**
- **Visual Organization**
 - o Harmony, Variety, Balance, Proportion, Dominance, Movement, Economy

COURSE OUTLINE (Tentative)

WEEK TOPIC

1 - 5 Introduction to the course (syllabus and supply list)

Project 1: color squares and gradation strips

Project 2: value wheels

Project 3A, 3B, 3C, 3D outline project, muted color project, prismatic color project, combined saturation project.

Critique 1 Due: Projects: 1, 2A, 2B, 3A, 3B, 3D, 3D

6 - 11 Increasing complexity projects & exploring transparency

Project 4 color proportion project

Project 5A & 5B color transparency projects

Critique 2 Due: project 4,5A,5B color proportion, color transparency paintings Retinal paintings #1, #2, #3 Start 10/14/20

Critique 3 Due: retinal paintings #1, #2, #3

12 - 16 Advanced formal color projects and observational color still

life paintings Project 9 color progressive projects, project 10 color positioning studies

Critique 4 Due: project 9 color progressive studies, project 10 color positioning studies

Project 11A personal observational paintings or formal structured abstract painting on canvas

Critique 5 Due: final critique project 11A personal color still life, project 11B structured abstract painting on canvas.

ART 2501C COURSE CALENDAR AND REQUIRED PROJECTS. This is subject to change. I will give you advanced notice if this happens. Please always check dates on canvas assignments.

Week 1

1/5

Introduction to course; Go over syllabus/materials list; safety and rules in the studio

Week 2

1/10

First Workday **Start Project 1 Color value squares and gradation strips**

1/12

Introducing Value Wheels

Achromatic Outline Project 3A

Week 3

1/17-1/19

1/17 NO CLASS MLK DAY

Project 3B Muted Color Studies

Week 4

1/24-1/26

Prismatic Color Studies, Combined Saturation Studies

By the end of week 4 you should be finished:

Project 1, 2A, 2B, 3A, 3B, 3C, 3D

Week 5

1/31-2/2

Critique 1, Project 1, 2A, 2B, 3A, 3B, 3C, 3D & **Start Project 4**

Project 4 Color Proportion Project

Week 6

2/7-2/9

project 5A, Color Cross Transparency Project

Finish 5A and **Start 5B Color Transparency Paintings**

Week 7

2/14-2/16

Monday, work on color transparency paintings.

Wednesday, finish color transparency paintings on canvas.

Week 8

2/21-2/23

Monday, **Critique #2** Due: Color Proportion Project 4, Color Cross Transparency Project 5A, Color Transparency on canvas 5B

Wednesday, start **Project 6 Retinal Painting 1**

Week 9

2/28-3/2

Monday, continue work on retinal painting #1 that focuses on transparency

Wednesday **Project 7** start retinal painting #2 that focuses on transparency

Week 10 (SPRING BREAK)

3/7-3/9

continue working on retinal painting #1 & #2

start retinal painting #3

Week 11

3/14-3/16

Monday, workday to finish retinal paintings #1, #2, #3

Wednesday, **Critique #3** Due retinal paintings #1, #2, #3

Week 12

3/21-3/23

Project 9 Color Progressive Studies #1 & #2

Keep working on your Color Progressive Studies #1 & #2

Week 13

3/28-3/30

Project 10, Color Positioning Project (Hue and Value)

Week 14

4/4-4/6

Critique #4 4/4 Project 9 Color Progressive Studies & Project 10 Color Positioning Studies

Project 11A, A Personal Observational Color Still Life on canvas or **Project 11B**, formal structured Abstract Painting on canvas

Week 15

4/11-4/13

workday for **Project 11A or Project 11B**

workday for **Project 11A or Project 11B**

Week 16

4/18-4/20

Workday for **Project 11A & 11B**

Wednesday **Critique #5** This will be our final critique. **Project 11A** Personal color still life on canvas or **Project 11B** Structured abstract painting on canvas.

4/20 will be our final critique date

EVALUATION

Each You will be evaluated based on the specific criteria for each project
80% Projects, 10% Homework, 10% Participation

Participation-10%- Participation in class workdays, discussions, readings and critiques is expected and will reflect in your participation grade. Final cleanup will also factor into this grade.

REQUIRED/RECOMMENDED TEXTBOOKS, MATERIALS, EQUIPMENT

Recommended readings:

Color: A Course in Mastering the Art of Mixing Colors, Betty Edwards

Color and Light: A Guide for the Realist Painter, James Gurney

(Dinosaurs included!!!!) **REQUIRED: Color: A Workshop Approach,**

David Hornung, ISBN 9781856698788 Publisher: Laurence King Publishing Ltd

Materials: See attached materials list on the last page

Online Resource:

Colormatters.com

<http://www.colormatters.com/color-and-design/basic-color-theory>

Applications

-Adobe Kuler, Iphone, Free (Also available online at kuler.adobe.com)

-Interaction of Color by Josef Albers, for Ipad, available in iTunes.

GRADING

Letter Grade and Corresponding Grade Points

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E	WF	I	NG	S-U
4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	.67	0	0	0	0	0

Specific criteria for grading includes: ***adherence to the assignment parameters, research/studio practice, concept development, formal resolution, and craft/presentation.*** Late projects will not be accepted.

Project grades in this course are considered in the following way:

A 4.0 Exceptional work, all criteria of assignment have been surpassed in a distinguished manner and solutions to problems presented exhibit a depth of understanding. In addition,

student is engaged in exceptional studio practice, which includes active research, looking up artists recommended, asking relevant questions about other artists' works or ideas, and being thoroughly engaged in the course content.

A- 3.67 Well-presented, superior work: all criteria of assignment were surpassed in a distinguished manner (including exceptional studio practice highlighted above). Minimal improvements could be made to the project overall.

B+ 3.33 Very good work: all criteria of assignment were surpassed, minor changes could be considered and executed to bring piece together and studio practice was exceptional.

B 3.0 Very good work: above average solutions and clear potential. Most criteria of assignment were surpassed with some improvements to be made. Execution was well done. Studio practice during the project was commendable.

B- 2.67 Good work: most criteria of assignment were met. Work showed promise with a few significant improvements to be made. Studio practice was adequate.

C+ 2.33 Slightly above average: work, most of the criteria of the assignment were met. The work is not yet a unified whole or cohesive statement, yet effort was made. Studio practice was adequate, but could be more reflective and thoughtful.

C 2.0 Average work: the assignment directions were followed and the requirements were met in a relatively routine way. Slippage in levels of craft, originality and presentation-studio practice was adequate, but could be more reflective and thoughtful.

C- 2.67 Slightly below average work: the assignment directions were followed and the requirements were minimally met, but there is much room for developing concepts further. The level of craft and breadth and depth of idea development needs to be improved. There is some evidence of studio practice, but the quality and quantity is lacking.

D+ 1.33 Below average work: an attempt to solve the problem was made, but there is much room for improving skills and developing your concepts further. The criteria of the assignment are barely met. Basic craftsmanship skills have been neglected and there is a lack of breadth and depth of idea development. There is minimal evidence of studio practice, but the quality and quantity is lacking.

D 1.0 Inadequate, below average work: the requirements of the assignment are not addressed. The execution of the work is careless and represents an incomplete effort. Work is substandard. There is little or no evidence of studio practice.

D- .67 Unacceptable work and effort: the requirements of the assignment are not addressed. The execution of the work is careless and represents an incomplete effort. Work is substandard. There is little or no evidence of studio practice.

E 0 Unacceptable work and effort: the work submitted is inadequate; the requirements of the

problem are not addressed. The piece represents careless and/ or incomplete effort. No evidence of studio practice. Work is substandard. Or, assignment was not submitted.

For more information:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Students must earn a grade higher than C- to earn credit toward their major.

ATTENDANCE

As a studio course your attendance and active participation is required. Students are expected to attend all classes. You are required to work/participate the duration of the scheduled class period. Full participation includes showing completed work during all scheduled critiques as well as active participation through shared ideas and commentary about your work and the work of your peers. Unexcused absences will be cause for a lowered grade. Your fourth absence will result in ONE full letter grade drop. Absences will be counted from the first class meeting onward.

University Attendance Policy:

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/> If an absence occurs, it is the student's responsibility to make up all work. Students should check with the instructor or another student outside of class time when they miss a class (prior to missing the class if possible), as in- and out-of-class exercises are spontaneously assigned. Students should bring a doctor's note for any class from which they expect to be excused. Please address any concerns, problems, and questions regarding this class to the instructor as they arise.

TARDINESS

Arrival to class after the start of class will be noted and three such incidences will count as one absence. Leaving early from class will also be considered as tardiness and will be counted as such. Students are responsible for satisfying all academic objectives as defined by the instructor. Students who do not attend at least one of the first two class meetings of a course or laboratory in which they are registered, and who have not contacted the department to

indicate their intent, may be dropped from the course. The university recognizes the right of the individual professor to make attendance mandatory. After due warning, professors may prohibit further attendance and subsequently assign a failing grade for excessive absences.

LATE WORK

All projects, reading responses, and research projects must be completed on time for full credit. Due dates are announced in class and posted on canvas.

- Late work is not accepted (unless with prior approval from the instructor due to an excused absence).
- If the timeline states that a project is due at the beginning of

class, turning it in at the end or after class is considered late.

- You must have work finished before the start of class on critique days or your work will not be critiqued.
- It is the student's responsibility to turn in all work on time.

COURSE COMMUNICATION

Students must check their school email accounts regularly and the E-Learning course site. Students are responsible for any information, deadlines, and updates emailed to their UF email accounts. Instructor will take care to answer emails within a 24 hour period.

CELL PHONES AND OTHER DEVICES

Silence all devices before entering the classroom. Students may not use headphones during class time.

HAZARDOUS WASTE SATELLITE ACCUMULATION

Read the SAAH Health and Safety Program at:

https://arts.ufl.edu/site/assets/files/37319/saah_health_and_safety_handbook_2021.pdf

during the first week of class. Refer especially to the H&S Rules by Area sections pertaining Drawing. Each student will be asked to complete a H&S student waiver form (which will be given to you and signed during studio). SA+AH facilities have an area designated for art materials/hazardous waste pickup. This area should NOT be used for art making. Bins and storage containers utilized in this area should NEVER be moved or used for any other purpose. When in doubt about the safety or disposal of your art materials, please speak with faculty. A Handbook of Hazardous Wastes Disposal, Health and Safety is posted in the studio for consultation as well.

LOCKERS AND STORAGE

The SAAH is not responsible for items in lockers. Please watch for posted signs on lockers regarding their use. Each student must share a locker with two students. You are responsible for keeping the locker form attached AT ALL TIMES to your lockers. Lockers will be cleaned out at the end of each semester. When storing materials, you must write your name on everything with a black marker, the course you are in and the instructor's name. The SAAH is not responsible for items left in classrooms.

STUDIO USE

Please read and respect studio use guidelines posted in classrooms. Do not pour solvents down sinks. Fixative must be sprayed in the FAC 2nd Floor spray booth * NO exceptions.* Each student is responsible for assisting in studio clean-up. Your instructor will assign you a duty at the end of each class. The classroom should be organized at the end of each class 10 minutes prior to the beginning of the next class with the help of all students enrolled in the course. No food or open drink containers allowed in the studio.

SHARED STUDIO

Always leave the studio clean. Regardless of the condition you find it in, we request that you leave it clean for the next person. Remember to place all work in progress on

the storage shelves. Leave the worktables clear and clean. This is a shared workspace, and we all need to be diligent together to keep it an immaculate and productive environment.

IMPORTANT COVID-19 CLASSROOM POLICIES

- Due to the surge in Covid-19 cases because of the Delta variant all people, inside UF facilities are expected to wear approved face masks even if vaccinated. UF also urges all people to get vaccinated <https://coronavirus.ufhealth.org/vaccinations/>. Recent research and guidance from the CDC state that both unvaccinated and vaccinated individuals can transmit the current Covid-19 variant to unvaccinated persons.
- Please maintain physical distancing (6 feet between individuals whenever possible) during class.
- Sanitizing supplies are available in the classroom if you wish to wipe down your desks/easels prior to sitting down and at the end of the class.
- Follow your instructor's guidance on how to enter and exit the classroom. Practice physical distancing to the extent possible when entering and exiting the classroom.
- If you are experiencing COVID-19 symptoms
<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html> - stay home and self-quarantine. Please use the UF Health Screen, Test and Protect system to determine next steps, retake the questionnaire and schedule your test. Please call your primary care provider if you are ill and need immediate care. UF Health Screen, Test & Protect offers guidance when you are sick, have been exposed to someone who has tested positive or have tested positive yourself. Visit the UF Health Screen, Test & Protect website for more information. <https://coronavirus.ufhealth.org/screen-test-protect-2/>
- COVID-19 testing remains available both on and off campus. Testing locations and schedules are available at <https://coronavirus.ufhealth.org/screen-test-protect-2/how/screen/#locations>. In addition, please complete the Weekly COVID-19 Symptom Screening you receive via email. This will help the UF Health Screen, Test & Protect team identify and contain any potential COVID-19 outbreaks.
- Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work.
- Please continue to follow healthy habits, including best practices like frequent hand washing.
- Continue to regularly visit coronavirus.UFHealth.org and coronavirus.ufl.edu for up-to-date information about COVID-19 and vaccination.

UF POLICY FOR IN-CLASS RECORDING

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A "class lecture" is an educational presentation intended to inform or teach enrolled

students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

UF POLICY FOR RELIGIOUS HOLIDAYS

Students, upon prior notification of their instructors, shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith. Read the full UF policy here:

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#religiousholidaystext>

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. Disability Office <https://disability.ufl.edu/>

UF ILLNESS POLICY

Students who are absent from classes or examinations because of illness should contact the professor. If you are unable to attend class due to illness, please email the instructor prior to the class meeting time. Please state your name, class, as well as the reason you will not be attending class that day.

UF SAFETY AND SECURITY

University Police Department: <https://police.ufl.edu> or call 352-392-1111 (or 9-1-1 for emergencies).

Student Nighttime Auxiliary Patrol (Snap) call 392-SNAP (92-7627)

SNAP provides nightly escorts anywhere on campus to persons on request. The service is staffed by students, equipped and supervised by the university police department. Escorts are routed on foot and driven trips. Contact SNAP via telephone providing first name, location of pick-up and destination to the dispatcher who determines the best method of meeting the requester's need. A walking or driving escort is dispatched to the location.

UF RESOURCES FOR HEALTH/WELLNESS

University Counseling Services: 352-392-1575 <https://counseling.ufl.edu>

Resources are available on campus for students having personal problems or lacking clear career and academic goals which interfere with their academic performance. The Counseling Center provides counseling and consultation services to currently enrolled undergraduate and graduate students and their spouses/partners. The Center offers brief counseling and therapy to help students confront personal, academic, and career concerns. The primary goal of counseling is to help students develop the personal awareness and skills necessary to overcome problems and to grow and develop in ways that will allow them to take advantage of the educational opportunities at the university. Counseling Center Web site: <https://umatter.ufl.edu/office/counseling-wellness-center/>

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the Student Health Care Center website <https://shcc.ufl.edu>

UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; <https://ufhealth.org/emergency-room-trauma-center>

GatorWell Health Promotion Services: For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, <https://gatorwell.ufsa.ufl.edu> or call 352-273-4450.

UF PHILOSOPHY

The University of Florida is an institution that encourages the intellectual and personal growth of its students as scholars and citizens. As an educational institution, the University recognizes that the transmission of knowledge, the pursuit of truth, and the development of individuals require the free exchange of ideas, self-expression, and the challenging of beliefs and customs. In order to maintain an environment where these goals can be achieved safely and equitably, the University promotes civility, respect and integrity among all members of the community. As stated in the Standard of Ethical Conduct, students are expected to exhibit high standards of behavior and concern for others.

ACADEMIC HONESTY

As a result of completing the registration form at the University of Florida, every student has signed the following statement: " I understand that the University of Florida expects its students to be honest in all of their academic endeavors and understand that my failure to comply with this commitment may result in disciplinary action to and including expulsion from the University.

DISRUPTIVE BEHAVIOR

Faculty, Students, Administrative and Professional staff members, and other employees [hereinafter referred to as "member(s)" of the University], who intentionally act to impair, interfere with, or obstruct the mission, purposes, order, operations, processes, and functions of the University shall be subject to appropriate disciplinary action by University authorities for misconduct, as set forth in the applicable rules of the Board of Regents and the University and state law governing such actions. Be advised that you can and will be dismissed from class if you engage in disruptive behavior.

UF Student Honor Code including individual academic and social responsibility can be found at:

<https://sccr.dso.ufl.edu/wp-content/uploads/sites/4/2020/12/Orange-Book-Web-Version-2020.pdf>

UF COURSE EVALUATION

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluer.com/ufl>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

Health & Safety Area Specific Information: Painting

1. Hazards (inherent)

Acrylic Paints

May contain ammonia which may cause eye, nose, throat irritation, especially if large amounts are used; may contain preservatives, such as formaldehyde.

Precautions: Good hygiene; switch to formaldehyde-free painting medium; avoid inhaling pigment powder; use least toxic preservatives possible; clean brushes properly.

Watercolors and Gouache

Inhalation: Moderately toxic - Skin Contact: Slightly toxic - Gum arabic and gum tragacanth cause skin allergies; gum arabic can cause asthma; may contain preservatives, such as formaldehyde. *Precautions:* Good hygiene; switch to formaldehyde-free painting medium; avoid inhaling pigment powder; use least toxic preservatives possible; clean brushes properly.

Tempera

Inhalation: Highly toxic-Skin Contact: Highly toxic-Hazards in pigments & preservatives; tetrachloroethane highly toxic; more toxic than carbon tetrachloride, causing severe liver damage.

Precautions: Good hygiene; clean brushes properly; DO NOT USE tetrachloroethane.

Latex

Ingestion: Slightly toxic if glycols are present - Skin Contact: Possibly toxic if the paint contains glycol ethers - May contain glycols, mercury.

Precautions: Good hygiene; clean brushes properly; DO NOT USE paints with mercury preservatives.

Oil Paints

Ingestion: Pigment Poisoning - Skin Contact: Pigment poisoning; When used with solvents: all solvents are moderately toxic by all routes of entry-ingestion, inhalation, and skin contact.

Precautions: Good hygiene; adequate ventilation; wear nitrile gloves; clean brushes properly; DO NOT USE with banned solvents.

Alkyd and Other Solvent Based Paints

Inhalation: Toxic - Pigment hazards; solvent-based paints more hazardous than oil paints; much more solvent exposure; toluene/xylene much more toxic than paints with mineral spirits – Ingestion: Pigment and solvent poisoning – Skin Contact: Pigment and solvent poisoning - Flammable

Precautions: Good hygiene; use with adequate ventilation; wear nitrile gloves; clean brushes properly; DO NOT USE toluene or xylene based alkyd paint; DO NOT USE with banned solvents.

Solvents

Inhalation: slightly to highly toxic depending on type; acute inhalation can cause dizziness, nausea, fatigue, memory loss, coma, and respiratory irritation; chronic inhalation can cause organ damage, respiratory allergies, and brain damage – Ingestion: slightly to highly toxic depending on type; ingestion can be fatal and cause aspiration into the lungs after vomiting – Skin Contact: slightly to highly toxic depending on type; can cause defatting of the skin and dermatitis; can be absorbed through skin – Flammable: solvents can spontaneously combust; dispose of solid waste contaminated with solvents in red bin – Volatile: solvents will evaporate quickly; keep containers closed at all times, even while using.

-Precautions: Use with adequate ventilation; wear nitrile gloves; keep all containers tightly

closed; store only in glass or metal that have lids; minimize use and reuse; use least toxic types; never dump down drain; clean brushes properly; do not clean hands with solvents; dispose of solid waste contaminated with solvents in red bin; DO NOT USE banned solvents.

The following solvents are not permitted for use in the SA+AH: Turpentine, Turpenoid, Mineral Spirits, Oil of Spike, Damar Varnish, Denatured Alcohol, Benzene, Toluene, Paint Thinner

The following solvents (odorless mineral spirits) and solvent containing-mediums are allowed for use in the SA+AH: Gamsol (Gamsol is supplied by the SA+AH), Sansador, Galkyd, Liquin

*This is not an exhaustive list. If you want to use something not listed here please check with your instructor or lab specialist.

Pigments (see attached chart)

Many pigments are toxic, including those based on lead, cadmium, mercury, chromates, manganese, and cobalt. The main risk is from accidental ingestion of the pigments due to eating while working, nail-biting, pointing your brush with your lips, and similar means of hand-to-mouth contact. Using dry pigments can allow the pigments to be breathed in through the air (this also occurs when using encaustics in an unventilated space).

2. Best Practices

- **Don't eat, drink, smoke in studio**
- **Wash hands, including under fingernails (good hygiene)**
- **Wear nitrile gloves**
- **Avoid inhaling pigment powder**
- **Use least toxic versions of paints, mediums, solvents**
- **Don't do solvent washes**
- **Reuse solvent: Used solvent can be reclaimed by allowing the paint to settle and then pouring off the clear solvent into another jar. The sludge that remains at the bottom must be disposed of in the liquid waste jug.**
- **Remove paint from hands with baby or vegetable oil—Do not wash it down the sink**
- **Work in a well-ventilated area. Use solvents near exhaust vents.**
- **Take breaks during painting to step outside for fresh air.**

3. Links

<http://www.ci.tucson.az.us/arthazards/paint3.html>

<http://web.princeton.edu/sites/ehs/artsafety/sec10.htm>

<http://www.chicagoartistsresource.org/node/9279>

4. Area Rules

All users of the studio classrooms are expected to follow studio area rules at all times. If you have any questions, ask your instructor.

- Follow all SA+AH Health and Safety handbook guidelines (the handbook should be reviewed by your instructor and can be found at: www.arts.ufl.edu/art/healthandsafety)

- In case of emergency, call **campus police** at **352-392-1111**
- File an incident report (forms may be found in the SAAH H&S handbook, the SAAH faculty handbook and in the main office. Turn completed forms into the SAAH Director of Operations within 48 hours of the event. • Follow the SA+AH Satellite Waste Management Chart in the classroom and other health & safety guidelines posted for your media. Keep the Satellite Waste Management Area (SWMA) clean and organized. Follow the SWMA guidelines posted.
- Do not prop classroom doors. Doors are to remain closed to ensure the building HVAC and ventilation systems work properly.
- Keep solvent fumes to a minimum by covering containers in use even while painting. Don't leave brushes sitting in jars of solvents.
- Clean up after yourself. Wash hands and all tools properly. Dispose of all towels and gloves in the red bin. Close all containers, and return anything flammable to the yellow flammable cabinet. • No hazardous materials, oils, or solvents down sinks.
- Follow guidelines for brush cleaning found at each SWMA.
- Store all flammables in the flammable cabinet, Keep flammable cabinet closed at all times. • All Hazardous Waste must be labeled with the yellow labels found at the SWMA (use this label when item is designated as trash).
- Practice best practices for material handling. If you have questions about a material, ask your instructor for guidance.
- No aerosol cans may be sprayed in any classroom/studio in the SAAH. A spray booth is located in FAC room 211A.
- Wear nitrile gloves when handling hazardous materials. These are provided in your classroom studios. • Remove all trash that does not fit in trashcans to the dumpster on the south side of FAC. Any trash that does not fit in the trash can must be immediately taken to the dumpster. All oversized trash (has any length that exceeds 4 feet in any direction) must be taken to the dumpster on the south side FAC and placed beside the dumpster in the area designated for oversized trash. Broken glass must be packed inside paper and labeled on the outside as broken glass and walked to the dumpster. Glass with hazardous materials must be wrapped, labeled with a filled out yellow hazardous waste labels and placed in the blue bin at the SWMA. The trash guidelines are to ensure the safety of 23 anyone encountering the trash. Liquids, medical waste, yard waste, appliances and pallets are prohibited from disposal in the dumpster.
- No eating, consumption of alcohol or smoking is permitted in the studios.
- Clean up after yourself-wipe down surfaces (easels, drawing boards, stools with a wet towel). • Do not block doorways.
- Do not block access to lights.
- Do not remove furniture from rooms or borrow furniture from rooms without permission from the area coordinators.
- Do not create "daisy chains" with multiple electric cords. Unplug cords when not in use. • First aid kits are found in each studio. Notify your instructor if supplies are low.
- Locate the nearest eyewash unit and familiarize yourself with its functions.
- Report any safety issues IMMEDIATELY to your instructor.
- All courses must engage in an end of the semester clean up.

- Follow the SA+AH CONTAINER POLICY (see policy below)

There are 2 types of labels used in the SA+AH-- yellow and white. Both labels are found at the red MSDS box and are supplied by the SA+AH. Each is used for a different purpose.

White:

All new and or used product in containers (hazardous or what might be perceived as hazardous-i.e. watered down gesso, graphite solutions, satellite containers of solvents, powders, spray paints, fixatives, oils, solvents, etc...) must be labeled within the SA+AH to identify their contents. Labels can be found at the MSDS box in each studio and work area. All containers must be marked with your name, contents and date opened. All secondary/satellite containers for hazardous materials must be marked with content, your name and the date opened. All unmarked containers will be disposed of with no notice.

Yellow:

WHEN HAZARDOUS ITEMS ARE DESIGNATED AS WASTE.

All containers must have a yellow label identifying the contents that are designated as trash for weekly EHS pick up.

- Flammable solid containers (red flip top) must have a yellow hazardous waste label on the outside (top). - 5 gallon jugs must have a yellow hazardous waste label on the outside.

- Fibrous containers must have a yellow hazardous waste label on the outside (top). - Each item in the blue bin must have a yellow hazardous waste label.

Note: Hazardous Waste labels should include all constituents in the waste mixture as well as an approximate percentage of the total for that item and must add up to 100%.

Labels should also include the Building and room number of the shop generating the waste along with the Waste Manager for your area, this is located on the SWMA sign posted at the sink or at the Waste Management Area.

Toxic Paint Pigments/ Painting

The following paint ingredients are extremely toxic to you through skin contact, inhalation, or if swallowed. Know that you have a choice when purchasing art supplies and choose paints that are non-toxic to you, others and the environment.

Highly toxic pigments-Avoid at all costs

Lead Red (Red 105) Contains lead

Molybdate Orange (Red 104) Contains lead and chromates

Chrome Orange (Orange 21) Contains lead and chromates

Mercadmium Orange (Orange 23) Contains cadmium, mercury and sulfides

Barium Yellow (Lemon Yellow, Barium Chromate, Yellow 31) Contains barium and

chromates Chrome Yellow (Chrome Lemon, Primrose Yellow, Lead Chromate, Yellow 34)

Contains lead and chromates Zinc Yellow (Zinc Chromate, Yellow 36) Contains chromates
Naples Yellow (Lead Antimonite, Antimony Yellow, Yellow 41) Contains lead and antimony King's Yellow (Yellow 39) Contains arsenic
Strontium Yellow (Yellow 32) Contains strontium and chromates
Zinc Yellow (Yellow 36) Contains chromates
Chrome Green (Milor Green, Prussian Green, Green 15) Contains chromates 24
Emerald Green (Paris Green, Vienna Green, Green 21) Contains arsenite
Scheele's Green (Schloss Green, Green 22) Contains arsenite
Cobalt Violet (Violet 14) Contains cobalt and arsenite
Flake White (Cremnitz White, Lead White, White 1) Contains lead
Lithopone (White 5) Contains zinc sulfide
Zinc Sulfide White (White 7) Contains zinc sulfide
Witherite (White 10) Contains barium
Antimony White (White 11) Contains antimony
Antimony Black Contains antimony sulfide

Possibly toxic pigments-Avoid unless necessary

Vermilion (Cinnabar, Red 106) Contains mercury compounds
Cadmium Red (Red 108) Contains cadmium
Cadmium Orange (Orange 20) Contains cadmium
Cadmium Yellow (Yellow 37) Contains cadmium
Cobalt Yellow (Aureolin, Yellow 40) Contains cobalt
Cobalt Green (Green 19) Contains cobalt
Chromium Oxide Green (Olive Green, Permanent Green, Green 17)
Contains chromic oxide Viridian (Emeraude Green, Green 18) Contains chromic oxide
Prussian Blue (Iron Blue, Milori Blue, Bronze Blue, Blue 27) Contains cyanide compounds Antwerp Blue (Blue 27) Contains cyanide compounds
Cobalt Blue (Kings Blue, Blue 28) Contains cobalt
Manganese Blue (Blue 33) Contains manganese
Manganese Violet (Permanent Mauve, Violet 16) Contains

manganese and barium **Potentially toxic pigments-Use caution**

Lithol Red (Red Lake R, Red 49) Sometimes contaminated with soluble barium
Nickel Azo Yellow (Green Gold, Green 10) Contains nickel
Barium White (Blanc Fixe, White 21) Sometimes contaminated with soluble barium
Note: If paint is listed as a hue, for example, Cadmium Yellow Hue, then that means that the paint is made of derivatives to look like Cadmium and it is usually nontoxic.

COLOR SUPPLY LIST: ART 2501 Paint Investigation in Color

The following supplies are required for this course. **It's important that you purchase high quality acrylic paint.** Poor quality paint makes it impossible to mix your colors accurately. You can buy all the supplies at **Blick Art Materials, Jerry's Artarama** website: Order materials ASAP since it takes about 7 days for delivery.

Acrylic Colors:

Order # B00620-3009 Golden Heavy Body Classic Theory Mixing Set. Contains 8 colors: Cadmium Yellow Light, Indian Yellow Hue, Cadmium Red Light, Alizarin Crimson Hue, Ultramarine Blue, Prussian Blue Hue, Viridian Green Hue, Titanium White.

Additional:

B00620-1013 Titanium White 12oz tube

B00620-2123 Carbon Black 12oz tube

Just to get started for the first 1.5 weeks you can get white, black, red, yellow and blue

Brushes: A range of brushes that are good. Basic: Princeton #2,#4,#6 Bright , or another brand of similar quality.

Richeson Grey Matters Paper Palettes:

B03092-2569 6 x 9in

B03092-2523 9 x 12in

You can also use wax paper and blue tape with a cardboard base and make your own palette.

A palette knife to mix colors **DON'T FORGET THIS!**

Blue tape

A few drawing pencils

03008-1002 Masterson Sta-Wet Palette 8 1/2 x 7in This can be very useful in keeping your paints wet for days.

A ruler and compass. **DON'T FORGET THIS!**

IMPORTANT: The first projects will be done on paper, so make sure you have the 18in x 24in paper tablet by the second class day.

B10324-1009 Strathmore 400 series Recycled Drawing Paper **(bright white) 18 x 24in**

A jar to clean your brushes & paper towels

You might have to purchase several 18 x 24in canvases. These might be covered by lab

fees

About mid way through the semester you will need 18 x 24in pre-primed canvases. Usually we supply 3 of these, after that you will have to buy your own. I will let you know if and when we can supply the canvases.

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