

Course title: Gravity and Buoyancy, ART2702c, section 5436

Semester and year: Spring 2016

Credit hours: 3

Meeting time: Monday & Wednesday; 3pm-6pm

Instructor: Raphael Q

Office: FAC B2A

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Office hours: Friday 9am-10am

Course description: This course focuses on three-dimensional media with emphasis on an in depth investigation of fundamental sculptural concepts. Students will build a solid understanding of three-dimensional concepts by learning basic sculptural skills and techniques, and will apply these skills within a traditional sculptural context while also relating them to contemporary sculptural issues. Instead of a literal reading of gravity and buoyancy, this course strives to examine our understandings of weight, mass, density and how they relate to the presence and conceptual integrity of the objects we create.

Course objectives:

- Demonstrate safe, competent use of tools as a means for creative problem solving in art making.
- Use critical thinking skills when making essential decisions relevant to all sculptural processes and in evaluating the content and form of one's own work as well as the work of others. .
- Understand how to evaluate the properties of different materials in order to make them suit the artistic process.
- Research and articulate conceptual issues regarding art from both historical and contemporary perspectives.

Tentative outline of subjects to be covered:

- Displaying 3D media.
- Surface design and finishing processes for different materials.
- Various methods of fabrication, forming, joining and safe use of tools for creative problem solving.
- The different functions of art within various contexts.

Method of evaluation:

- 4 Projects: 60% of final grade (see grading rubric for criteria)
- In-class assignments: 10%
- Attendance/Participation : 20%
- Research Assignments: 5%
- Reading Responses: 5%
- Optional Extra Credit: ≤5%

Grading policy: A (100–95) / A- (94–90) / B+ (89–87) / B (86–82) / B- (81–80) / C+ (79–77) / C (76–72) / C- (71–70) / D+ (69–67) / D (66–62) / D- (61–60) / E (59–0) (UF GPA equivalency A 4.0; A-3.67; B+3.33; B 3.00; B-2.67; C+2.33; C 2.00; C-*1.67; D+1.33; D 1.00; D-.67; and E, I, NG, S-U, WF 0.00) (Note: a grade of C- or below will not count toward area requirements)

UF grade point policy: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Grade explanation:

- A** Excellent – work throughout the semester has met and exceeded the stated objectives exhibiting a thorough understanding and manipulation of concepts covered in class. Student has taken initiative and consistently sought additional information about artists presented in slide lectures, examining examples and relating that information to the research at hand. Written work is a thoughtful assessment of artists and exhibitions and examined in context of the course. Class attendance is unblemished; participation in discussion and critiques is considered, pertinent and useful. Participation also includes working through the entire class period and exhibiting a curious and intelligent approach to class work.
- B** Above Average – good work throughout the semester, showing a thorough understanding of concepts covered. Presentation and craftsmanship are good and supportive of the work. Active participation in critiques and class discussion. This work lacks only in —exceeding || as mentioned above.
- C** Average – class work meets stated objectives of projects, exhibiting a grasp of the concepts explored although lacking a more comprehensive understanding and execution of those concepts. Class attendance, participation and enthusiasm are strong.
- D** Below Average – class work does not meet project objectives, is unfinished or only partially explores pertinent topics. Presentation is poor and class assignments or class time is missed seriously hampering success.
- E** Failing – not attending class, not completing assignments and not communicating with the instructor.

Course Evaluation: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>

Attendance policy: The university's standard attendance policies are in effect and can be found here: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx#absences>. Attendance is mandatory. It is your responsibility to attend class regularly. Absences result in missing out on demos, lectures, critical feedback, and discussions which will not be repeated, this will be reflected in the quality of your work and be graded accordingly. Your presence and participation is important to the functioning of the class, four unexcused absences will result in your participation grade being lowered by 50%.

Late and Make-up work policy: Unexcused absences on dates when projects or assignments are due means zero points for that particular assignment without the possibility for recuperating lost points. Late assignments or projects will be graded at a fifty percent reduction in grade points.

Students with disabilities: Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Required and recommended readings: Required readings will either be provided for via pdf or on reserve in the library.

Class demeanor policy: Cell phones, tablets, laptops, and other electronic devices may only be used with consent of the instructor. Students who are disruptive or inattentive for any reason may be asked to leave the classroom and be marked as absent for the day.

Students are responsible for leaving the sculpture classroom, shop, and courtyard areas clean after they have worked there. Violations of this policy will result in the student losing their shop privileges.

Due to the limited amount of space in the classroom which is shared by other classes, it is imperative that completed projects are removed from the classroom or courtyard at maximum one week from the project critique/due date. Please keep your project-exit-strategy in mind when factoring the design of your projects. Projects left in the room for more than a week, or projects found in the garbage dumpster after completion may be reduced by a letter grade.

Academic Honesty Policy: UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor.

Counseling and Wellness Center: Students are encouraged to take advantage of the available resources provided at the CWC, visit <http://www.counseling.ufl.edu/cwc/default.aspx> or call (352) 392-1575 for more information. The University Police Department can be reached at (352) 392-1111. Dial 9-1-1 for emergencies.

Health and safety handbook: It is the students’ responsibility to be aware of the possible hazards inherent in making sculpture. Students who repeatedly ignore safety warnings may have their shop privileges revoked. This course will adhere to the School of Art and Art History’s Health and Safety Policy which will be reviewed in class. All students are required to sign and submit to the office (FAC 103) the SA+AH Health and Safety Student Signature page. The handbook can be found online at: <http://saahhealthandsafety.weebly.com/handbook.html>

Health & Safety Area Specific Information: Sculpture

1. Hazards (inherent)

Welding

Welding produces toxic fumes and radiates UV light.

Sanding

Sanding produces toxic and/or irritating dust.

Spray Paint

Spray paint produces toxic fumes, generates liquid hazardous waste in excess paint and solvents used in cleaning (acetone, mineral spirits.)

Epoxy, Bondo, Polyester Resins

These produce toxic fumes and generate both toxic and liquid hazardous waste. Stones containing silica are also toxic when sanded.

Plaster, Cement

Both generate toxic, irritating dust when mixing. Cement is highly alkaline and can burn then skin when exposed.

Silver Soldering

Both electrical and structural soldering produces toxic fumes from flux (hydrochloric acid and phosphors). Solder may contain lead, which is toxic.

2. Best Practices

- All students must attend an orientation before using the wood and metal shops. During the orientation all shop rules and policies are presented as well as a discussion of the proper and safe use of shop tools.
- Work in a well-ventilated area while welding; cover all skin.
- Shield eyes with approved lens safety wear.
- Work in well-ventilated area while sanding wood.
- All spray painting must be done in spray booth.
- Resins may not be mixed indoors.
- Wear rubber gloves and use plastic drop cloth to contain chemicals when used.
- Silver soldering should be done in a well-ventilated area.

3. Links

<http://www.ehs.ufl.edu/General/resppol.pdf>
[http://www.ehs.ufl.edu/General/Shop/shophome.
htm](http://www.ehs.ufl.edu/General/Shop/shophome.htm)

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)
- Follow the SA+AH Satellite Waste Management Chart in the classroom and other health & safety guidelines posted for your media.
- In case of emergency, call campus police at 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.
- Get permission from shop supervisor before beginning work
- Sign in to use the wood shop

- Eye protection must be worn when using any power tools
- Long hair must be tied back
- Hearing protection is available
- Familiarize yourself with the closest eyewash unit
- Shirt tails must be tucked in and loose sleeves rolled up
- Shoes must cover toes
- No loose jewelry allowed in the shop areas
- Clean up your mess
- Students are prohibited from taking home any SA+AH property
- All painting and sanding must be done in the courtyard when weather permits.
- Newspaper or plastic must be used to protect table and floor surfaces from paint, glue and plaster
- Students are prohibited from storing materials or projects in the wood or metal shops
- Do not use stationary equipment to cut painted, recycled or pressure treated lumber
- Dust off tools, tables and sweep the floor when finished using wood tools
- Scrap material must be disposed of immediately
- Tools and shop equipment must be put away in its proper place
- The table saw, jointer and planer are to be used only under the supervision of Brad Smith and any unauthorized usage will result in expulsion from the shops
- No food or drink in the shops
- Only students enrolled in current SA+AH courses who have attended the orientations may use the shops. No visitors while you work.
- Store all flammables in the flammable cabinet. Keep flammable cabinet closed at all times.
- 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 Bldg 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.

Rubric for Project Grades

Pts	Creativity/Originality (x 8 pts.)	Effort/Perserverance (x 7 pts.)	Craftsmanship/Skill (x 5 pts.)	Cooperation/Attitude (x 5 pts.)
4	The student explored several choices before Selecting one, generated many ideas, tried unusual combinations or changes, used problem-solving skills.	The project was continued until it was as complete as the student could make it; gave it effort far beyond that required.	The artwork was beautiful and patiently done; it was as good as hard work could make it.	The student willingly participated in necessary preparation or work for classroom, was sensitive to the feelings and knowledge of others, exhibited a positive attitude toward assignment.
3	The student tried a few ideas before selecting one or based his/her work on someone else's idea, made decision after referring to one source.	The student worked hard and completed the project, but with a bit more effort it might have been outstanding.	With a little more effort, the work could have been outstanding; lacks the finishing touches.	The student participated enthusiastically, performed more than adequately, assisted in preparation and cleanup.
2	The student tried an idea but it lacked originality, might have copied work, substituted "symbols" for personal expression.	The student finished the project, but it could have been improved with more effort, chose an easy project and did it indifferently.	The studnet showed average craftsmanship; adequate, but not as good as it could have been, a bit careless.	The student was apathetic toward the assignment, complained, assisted in preparation and cleanup when asked.
1	The student fulfilled the requirements of the assignment, but gave no evidence of trying anything unusual .	The project was completed with minimum effort.	The student showed average craftsmanship, lack of pride in finished work.	The student allowed others to do most of his/her work, participated minimally, exhibited no interest in the project
0	The student showed no evidence of original thought .	The student did not finish the work adequately .	The student showed poor craftsmanship; evidence of laziness or lack of understanding.	The student did almost nothing toward completing the assignment, did minimum or no amount of preparation or cleanup, distracted others.

Rubric for Class Participation = 20 points

	A (18-20 points)	B (16-17 points)	C (14-15 points)	D/R
Frequency and Quality	Attends class regularly and always contributes to the discussion by raising thoughtful questions, analyzing relevant issues, building on others' ideas, synthesizing across readings and discussions, expanding the class' perspective, and appropriately challenging assumptions and perspectives.	Attends class regularly and sometimes contributes to the discussion in the aforementioned ways.	Attends class regularly but rarely contributes to the discussion in the aforementioned ways.	Attends class regularly but never contributes to the discussion in the aforementioned ways.