Course title: Gravity and Buoyancy, ART2702c
Semester and year: Fall 2015
Credit hours: 3
Meeting time: Monday/Wednesday 8:30am - 11:30am
Instructor: Raphael Q
Office: FAC B2A
Contact information: email: raphael.q@ufl.edu
Office hours: Wednesdays 12pm-1pm, or by appointment.

Course description: This course focuses on three-dimensional media with emphasis on an in depth investigation of the fundamental sculptural concepts of Gravity and Buoyancy. 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: 15 points each (see project sheet for grading criteria) (60 total)
● Attendance/Participation/Critiques: 30 points
● Research Assignments: 5 points
● Reading Responses: 5 points

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: If you are unable to make it to class, please let me know via email or text as soon as you know you cannot attend. 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. Additionally, as there are 30 points total available for attendance, regular class meeting days (24) are worth half a point each, critique days (4) are worth 4.5 points each, and will be deducted as such. It is your responsibility to attend class regularly. Unexcused absences result in missing out on demos, lectures, and discussions which will not be repeated, this will be reflected in the quality of your work and be graded accordingly.

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. Projects/assignments which are incomplete but in-progress on due dates may be given an extension of one week.

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. Unexcused tardiness will also count as an absent day. Lost points for absences and tardiness may be made up at the instructor's discretion in exchange for spending additional time cleaning, organizing, or otherwise maintaining the sculpture shop, classroom, and tools.

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: 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

### 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.