

# Syllabus

## ART 6933 Ceramics Graduate Seminar: Design: Principles, Practice and Techniques Spring 2013 3 credits



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Professor  
FAC B18 Office  
Office hours:  
3:00 – 4:00 PM T/Th  
and by appointment  
[ach@ufl.edu](mailto:ach@ufl.edu)

Class meets: T/Th 8:30 – 11:30 AM FAD 0111, or as scheduled prior.

CANVAS e-learning will be used for this class for calendar, announcements, email and course materials and some assignments. You are responsible to check this site before each class in preparation and after for homework and follow up. <https://lss.at.ufl.edu/>

*Welcome to UF Ceramics* is an important part of this syllabus can be found CANVAS in *Files*

### **Course Description:**

The design thinking technique, with its focus on problem solving in a collaborative setting, will be used to design work, create a prototype and carry out its low volume production.

You will work as a team involving other disciplines i.e. engineering, architecture, etc. to design and produce a prototype then product for low volume production. There will be many design

resources and current industrial practice covered. IDEO and the concept of design thinking will be a major influence on the process and product.

The course will be a seminar format, where students will be responsible for initiating individual research and the sharing of that research with the class. The classes will include lectures, demos, discussions, presentations, critiques and possible field trips. Your participation is critical to the success of the class.

### **Course Objectives:**

- 1) Awareness of contemporary issues in ceramics
- 2) Ability to work collaboratively and problem solve
- 3) Ability to clearly, articulate ideas both in writing and speaking;
- 4) Participation in critiques for discussion and review of works produced;

### **Assessment and evaluation is based on:**

- 1) As a design and production team:
  - a) Design a functional consumer product, made primarily of ceramic materials.
  - b) Create a prototype (3d printed, CNC routed, Laser cut, jigged, hand crafted)
  - c) Manufacture at least 3 finished products
  - d) Make 3 presentations as the process progresses
- 2) Group work in researching, problem solving, deciding, constructing, producing
- 4) Continuing personal studio work based on an agreed research contract
- 5) Active participation in Individual and group critiques

### **Course Content and Assignments:**

You are expected to continue your personal studio work as part of this class. There will be at least two class critiques scheduled. There will also be individual critiques on a scheduled basis.

The class calendar will be kept on CANVAS. Please note when various stages of the Design products are due. Assignments include research sketches, readings, presenting the work on the assigned dates and participating in group critiques and discussions, and follow-up analysis on the way to the next works.

Regarding personal studio work, incomplete work is not allowed for presentation at critiques. Participants working at large scale and/or on complex works that require more fabrication time than 6 weeks to complete may present completed multiple maquettes for mid-term critiques that have the content and general look of the larger work and explore surface alternatives. If you plan to work this way, you must discuss this with me prior to week 4 of the semester.

**Unexcused late work will result in a lowered grade, and will be docked up to 5% for each class period late.**

It takes regular studio practice to develop skills and ideas. It is anticipated that you will be highly productive in your studio and show only the best of your works for critiques. Being selective from a larger group of works always makes for a stronger presentation.

**Projects made for this class may NOT be submitted to any other class for credit unless both faculty have given prior approval. Failure to follow this rule will be considered academic dishonesty.**

### **Required Text**

*Ceramic Design Course*

*Principles, Practice and Techniques: A Complete Guide for Ceramicists*

Anthony Quinn

London, Thames and Hudson, 2007, reprint 2010 Latest Edition, blue cover

### **Recommended readings on reserve or in stacks in the Architecture and Fine Arts:**

*The Collaborative Habit: Life Lessons for Working Together*, Tharp, Twyla

*Prototyping and Low-Volume Production*, Thompson, Rob

*The New Ceramics: Ceramic Transfer Printing*, Petrie, Kevin

*The Craft Reader*, Adamson, Glenn, ed.

*Thinking Through Craft*, Adamson, Glenn, ed.

*NeoCraft: Modernity and the Crafts*, Alfoldy, Sandra, ed.

*Smart works: Design and the Handmade*, Cochrane, Grace

*Image Transfer on Clay: Screen, relief, decal and Monoprint Techniques*, Wandless, Paul

*Fragiles: Porcelain, Glass and Ceramics*, Editors: Grill, Klanten, Ehmann

*Ceramics (Materials for Inspirational Design)*, Lefteri, Chris

*Users Guide to Rapid Prototyping*, Grimm, Todd

*The Essential Guide to Mold Making and Slip Casting*, Martin, Andrew

*Ceramics and Print*, Scott, Paul

*Smart Works: Design and the Handmade*, Cochrane, Grace

*Handle with Care: Contemporary Ceramic Design*, designbloom

Other resources such as websites and Powerpoints, can be found on CANVAS under the Files section. As a student in the class, you are expected to contribute to the list of potential books, articles and website pertinent to the topics covered.

**Grading:**

Grading will include class participation, quality and quantity of personal studio work, the results of the three assignments.

Personal Studio Work	60%
Design process and production This is a group grade	30%
Class participation in discussions, critiques, attendance	10%

**UF Grading scale and policies**

Please keep in mind that an outstanding student attends class regularly, is on time, keeps the course work schedule, and participates, fully in kiln firing activities as well as producing strong work.

A = excellent, distinguished use of concepts, materials, and execution

B = good use of concepts, materials, execution

C = average

D = marginal

F = unacceptable, failure. No credit.

<b>A+</b>	100%-97	<b>B+</b>	89%-87	<b>C+</b>	79%-77	<b>D+</b>	69%-67	<b>F</b>	0
<b>A</b>	96-94	<b>B</b>	86-84	<b>C</b>	76-74	<b>D</b>	66-64		
<b>A-</b>	93-90	<b>B-</b>	83-80	<b>C-</b>	73-70	<b>D-</b>	63-60		

UF online information about grading:

<http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>

A semester grade of incomplete will not be given for late work unless there is an excused absence involved. To be approved for an incomplete:

- 1) Students must have completed the major portion of the class with a passing grade of C or better
- 2) The student is unable to complete course requirements because of documented circumstances beyond his or her control;
- 3) The student and instructor have discussed the situation prior to the final critique (except under emergency conditions);

4) The student will fill out the College of Fine Arts incomplete grade contract, which will be signed by the instructor and the chair and will detail the work to be completed and the date by which this must be done.

**Attendance Policy:**

Plan to arrive promptly at 8:30 AM or as scheduled for individual critiques. Attendance will be taken right at the beginning of each class; lateness will be noted and will affect your grade. One days individual crits are scheduled but you are not on the list for a crit, there will be a class meeting at 8:30. Please use this studio time wisely.

Class attendance is central to the learning process and to your success in the course. It is expected that you will attend regularly and be punctual. Everyone will value this courtesy to the group. Group demonstrations and lectures, roving critiques, individual tutorials, and discussions will be scheduled for many class periods.

I do not accept excuses for absences. I allow up to two absences without penalty. Keep in mind, you must meet the requirements for that class with regards to the work missed and any assignments due. A third absence will lower your grade up to one grade point and any absence following will do the same. Should you have a prolonged illness or problem that takes you out of class for more that 3 absences please come see me during office hours or by appointment to discuss this.

*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. 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.*

**Door codes and access to Studios:**

FAC is opened:

M-F 7:00am -10:00pm

SAT 1:00pm – 10:00pm

SUN 2:00pm – 10:00pm

You will need your Gator One ID Card for the Card swipe for all other times. The card swipe is on the ground floor out to the parking lot, closest to Sculpture.

**Clay:**

Students may purchase clay tickets at the UF Bookstore. Clay tickets are \$11.50 at the bookstore. All clays are one ticket per 25-pound bag except Helios porcelain, which is 2 tickets per bag. Please fill out your clay tickets w/your name and information. You keep the larger part; your instructor keeps the smaller part. The ticket is submitted to your instructor to pick up the purchased clay in the Ceramics department. You may also choose to reclaim used clay. If you would like to mix your own clay recipe, please see Ray to have him make up a clay ticket and pay in advance for the materials.

**Materials fee:**

There is currently no materials fee that covers the cost of consumables, such as wax resist, cones for firing, kiln wash, glaze, and other items needed for student use.

Studio supplies in common studio areas are meant for community use in those areas. Please do not take shop materials, carts and tools into your personal studio for extended personal use. At this point in your careers, students should be purchasing such items as rolling pins and banding wheels for personal use.

**Sketchbooks:**

Sketchbook/journals should be an important part of every artist's studio practice. Ideation, form development, notes from critiques can be kept in such a book. Regular practice and care in keeping the sketchbook can leave a valuable archive for the future. Your sketchbook should be with you in every class and in your studio during critiques.

**Studio Notes:**

All students are expected to follow the studio regulations as listed in *Welcome to UF Ceramics*.

- If a student does not actively use his/or her assigned studio space outside of class time, it will be re-assigned. Space is limited and if it is used for inappropriate storage or a gallery for old work, etc. The studio should have the tools and equipment you need to work. Do not store things on the floor as it impedes clean up.
- EVERYONE must keep the studio a clean and healthy place to work. Plan to wet mop daily, clean dust off surfaces.
- Remove all work and personal equipment and supplies from shared studio spaces and kiln areas or it will be considered abandoned.
- Please work in a team spirit when it comes to cleaning public workspace such as the glaze and kiln rooms. Everyone using the space will appreciate any added effort on your part. It affects attitudes and aids in the safe use of the facility.
- Do not leave your work on community spaces. Please do not store anything on the floor.

**Classroom Courtesies:**

As per the University Policy related to Classroom Demeanor at the end of this syllabus, personal cell phone use is not permitted in class. Please set your phone on vibrate or silent. The use of laptops should be held to a minimum so that interaction with your colleagues can take place.

Food and beverages are allowed in the studio classroom, but not the glaze and kiln rooms.

**Health and Safety:**

Please wear closed toe shoes and proper attire, tie back hair and loose clothing when working around shop equipment i.e. the grinder and loading/unloading kilns. Follow directions for each piece of equipment and use goggles where required.

## Health and Safety:

Appendix G:

Health & Safety Area Specific Information: Ceramics, found at this link:

<http://arts.ufl.edu/site/assets/files/37319/saahhealthandsafetyhandbook.pdf>

**PLEASE NOTE: There will be an orientation on Safety the first day of class by our Teaching Lab Specialist. Should you miss this orientation, you will have to arrange for another session at the convenience of the Teaching Lab Specialist.**

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 the SAAH Health and Safety Student Signature page.

## Respiratory Protection

University of Florida Environmental Health and Safety (EH&S) has determined that the use of respiratory protection is not required for projects and activities typically performed in the School of Art + Art History. It is against the School of Art + Art History policy for any instructor to require students to wear respiratory protection however, you may recommend it, and you may voluntarily choose to wear respiratory protection: either an N95 filtering face piece, commonly known as a dust mask, or a tight fitting half or full-face respirator. Any user who chooses to wear such respiratory protection is therefore said to be a voluntary user.

Please read the entire policy in the SA+AH Health and Safety Handbook (see link above).

## Health and Safety Specific Area information for Ceramics:

### Area Rules:

- Follow all SA+AH Health and Safety handbook guidelines.
- Alcohol is forbidden in studios.
- No smoking on campus.
- No eating or drinking in the glaze or mixing areas
- Shoes – closed toes - must be worn at all times
- It is recommended that protective equipment be worn at all times: safety glasses when grinding, chipping shelves, etc., protective lenses for kiln viewing, gloves for hot objects, heat resistant aprons for raku, ear protection for grinding and sawing, rubber gloves for mixing hazardous materials
- Do not block aisles, halls, doors
- Do not bring children or pets into the studios
- Do not store things on the floor
- Do not park bikes in the building
- Clean up spills immediately
- Scoop up dry materials, mop up liquids, do not replace spilled materials in original source if spilled for they are contaminated
- Carry heavy and large trash bags loaded with trash to dumpster
- **Place materials containing Barium and Chrome in the hazardous waste disposal area**

- Do not sweep for this puts hazardous materials into the air; rather scrape up chunks and wet-clean area.

Any questions about Health and Safety? ASK FIRST before doing.

## University Policies:

**Students with disabilities** - I will make every attempt to accommodate students with disabilities. At the same time, anyone requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide you with the necessary documentation, which you must then provide to me when requesting accommodation.

*“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.”*

The university’s policies regarding academic honesty, the honor code, and student conduct related to the honor code will be strictly enforced. Full information regarding these policies is available at the following links:

- Academic Honesty: <http://www.registrar.ufl.edu/catalog/policies/students.html#honesty>
- Honor Code: <http://www.dso.ufl.edu/sccr/honorcodes/honorcode.php>
- Student Conduct: <http://www.dso.ufl.edu/sccr/honorcodes/conductcode.php>

**Classroom Demeanor** – *“Students in the School of Art and Art History will not be permitted to have beepers (pagers) and cell phones turned on in the classroom. If such a device beeps, chimes, rings, or makes any type noise, **it must be turned off before entering the classroom**”.*

**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 (herein 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. A detailed list of disruptive conduct may be found at: <http://www.aa.ufl.edu/aa/Rules/1008.htm>*

**Be advised that a student can and will be dismissed from class if he/she engages in disruptive behavior.**



**University Policy for Religious Holidays**

*The Board of Regents and state law govern university policy regarding observance of 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. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances. Further, a student who is to be excused from class for a religious holy day is not required to provide a second party certification of the reasons for the absence.*

**University Counseling Services/ Counseling Center**

The Center provides counseling and consultation services to currently enrolled undergraduate and graduate students and their spouses/partners. This is a very helpful resource and it is recommend that if you are having difficulties with the class that are not related to course materials consider checking these services out.

301 Peabody Hall

P.O. Box 114100, University of Florida

Gainesville, FL 32611-4100

Phone: 352-392-1575

Web: [www.counsel.ufl.edu](http://www.counsel.ufl.edu)

**Critical Dates on the university calendar may be viewed at –**

<http://www.reg.ufl.edu/dates-critical.html>