

HONORS POTIONS CAMP

IDH 3931, Section 1430, Class 27011
Fall 2020

INSTRUCTORS: Christopher Brewer (cbrewer4@chem.ufl.edu)

Amelia Bunnell (ameliaabunnell@ufl.edu)

OFFICE HOURS: By appointment, if needed.

COURSE MEETING: August 23 – 28, mostly in Joseph Hernandez Hall (JHH) and Keene-Flint Hall (FLI), with other locations to be announced. A follow up session may be announced for during the Fall semester.

COURSE DESCRIPTION: This section of IDH 3931 is a Harry Potter themed potions camp focusing on the physical sciences. Students will be exposed to a variety of disciplines of the physical sciences, with an emphasis on chemistry, and their relation to Harry Potter. This course will be taught at an accelerated pace as a blend of laboratory experiments and lecture style learning.

COURSE COMMUNICATIONS: Most communication will be done in person during the program. If needed, email may be used to communicate outside of program hours. All handouts and schedules will be provided in person.

TEXT: Potions Manual (provided). All other course materials will be provided either in print or uploaded to Canvas.

REQUIRED MATERIALS: Lab goggles (provided)
Lab appropriate attire (*vide infra*)
Excitement and enthusiasm!

EXAM DATES: No exams will be administered.

COURSE TECHNOLOGY: All UF students are expected to have reliable access to a computer; suggested configurations may be found here: <https://training.helpdesk.ufl.edu/computing.shtml>.

LAB ATTIRE: When conducting laboratory experiments students will be expected to be dressed appropriately as follows: Goggles are to be worn at all times in the lab, shirts need to cover the full length of the torso, long pants covering the full length of the leg, closed toed shoes, and socks covering at least to the height of the ankle. Long pants may not be skin-tight (i.e. skinny jeans or leggings). Loose fitting jeans and scrubs are okay. More details may be found at: <https://otl.chem.ufl.edu/attire/>

ATTENDANCE: Mandatory for all scheduled course meetings and events.



Chris Brewer



Amelia Bunnell

UNIVERSITY POLICIES:

UNIVERSITY POLICY ON ACCOMMODATING STUDENTS WITH DISABILITIES: Students requesting accommodation for disabilities must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc/>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations. Note that the DRC requires advance notice to schedule accommodated exams.

UNIVERSITY POLICY ON ACADEMIC MISCONDUCT: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity." You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit 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." It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>."

NETIQUETTE: COMMUNICATION COURTESY: All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. <http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

FEEDBACK: Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online 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>.

GRADING POLICIES:

Grades will be assigned based on completion of activities (both in person and on Canvas) and attendance during the program. Students must complete the Safety Quiz in Canvas before participating in any laboratory activities; missed time due to this will count as unexcused. Life happens, conflicts arise. Just be sure to contact me if there is a conflict that causes missed attendance.

GRADE DISTRIBUTION:

1. Attendance (40%)
2. Assignments (40%)
3. Quizzes and Surveys (10%)
4. Lab Performance and Safety (10%)

GRADING SCALE: (firm)

A	A-	B+	B	B-	C+	C	D+	D	D-	E
90%	86	83	80	77	73	69	66	63	60	<60

For more information: <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

Grading disputes should be handled in person and as soon as possible. If grading disputes arise following the conclusion of (the bulk of) our program on August 28th, they should be addressed within one week of the posting by individual appointments over Zoom.

As follows are details about how each aspect of the course will be graded:

ATTENDANCE: Full credit is earned for being present and on time. Attendance will be taken at all lectures and activities during our program. Life happens, be sure to communicate with your instructors if you are not able to make it or are running late. Lack of communication in these events could cause your grade to be impacted.

ASSIGNMENTS: All assignments are required and will be submitted through Canvas. Assignments will be graded for thoroughness and completion.

QUIZZES AND SURVEYS: These will be administered through Canvas. Quizzes will be scored for accuracy and surveys will be scored for completion.

LAB PERFORMANCE AND SAFETY: Before you begin experiments, you will take inventory of your labware and ensure that you have everything you need. At the end of the program, the inventory of your labware will be checked by a TA. Missing labware will result in a reduction of score. This is not the same as saying that your score will be reduced for breaking glassware. In the event of a breakage, immediately grab the attention of a TA so that we can ensure it is safely cleaned up and replace the item. Safety is our top priority while working in the laboratory. We take it very seriously and need you to as well. Repeated safety violations (i.e. not wearing goggles or PPE) will result in a reduction of score.

FALL 2020:

We will have face-to-face instructional sessions to accomplish the student learning objectives of this course. In response to COVID-19, the following policies and requirements are in place to maintain your learning environment and to enhance the safety of our in-classroom interactions.

- You are required to wear approved face coverings at all times during class and within buildings. Following and enforcing these policies and requirements are all of our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.
- This course has been assigned a physical classroom with enough capacity to maintain physical distancing (6 feet between individuals) requirements. Please utilize designated seats and maintain appropriate spacing between students. Please do not move desks or stations.
- Sanitizing supplies are available in the classroom if you wish to wipe down your desks 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 ([Click here for guidance from the CDC on symptoms of coronavirus](#)), please use the UF Health screening system and follow the

instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms.](#)

- 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. [Find more information in the university attendance policies.](#)

COURSE CONTENT:

We will be following the course schedule below for our lectures and activities. The experiments and lectures will relate to the material in the provided Potions Manual.

Date	Lectures	Labs/Activities	Homework
8/23	Welcome Safety Orientation	Sorting Ceremony Ice Breakers	Safety Quiz Safety Contract Sorting Ceremony Write-up
8/24	Dragon Toothpaste Frostbite Cyanotyping Prussian Blue	Dragon Toothpaste Rock Candy Cyanotyping Prussian Blue Prep	Lab Write-ups
8/25	Alchemy Silver Mirror Carbonation	Tie Dying Alchemist's Gold Silver Mirror	Lab Write-ups Zoom Lecture
8/26	Herbology Fairy Crystals	Herbology Fairy Crystals	Lab Write-ups
8/27	Candy Making Invisible Inks Photochemistry Honors Program	Lollipops and Rock Candy Invisible Inks	Lab Write-ups
8/28		Lumos	Lab Write-ups Evaluations

Disclaimer: This syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.