

CHM2096L: CHEM II LAB FOR ENG, SPRING 2021

INSTRUCTOR INFORMATION

COURSE COORDINATOR

The course coordinator for this course is Dr. Korolev. You can contact Dr. Korolev via Canvas email. Virtual office hours are available by appointment.

LAB MANAGER

The lab managers are Candace Biggerstaff and Jessica Webb. They can be contacted via Canvas email.

TEACHING ASSISTANT

Your teaching assistant will be assigned during the first week of the semester. You will meet your teaching assistant during the first lab meeting and they will provide you with their contact information.

GENERAL INFORMATION

COURSE DELIVERY

This course will be delivered 70% in-person and 30% online/synchronously. Students will be assigned specific weeks to attend lab in-person or online. All lab meetings will occur during your scheduled lab time. The schedule is subject to change and will be communicated via Canvas announcements.

MEETING TIMES

CHM2096L meets once per week during your scheduled lab period. The meeting time can be found on your schedule on ONE.UF. Students should be prepared to either attend in-person or online as directed.

DESCRIPTION/GOALS

CHM209L is designed to introduce you to common laboratory techniques and equipment used in the general chemistry laboratory, to help you gain understanding and proficiency in their use, and help you explore the process of doing experimental chemistry, and to illustrate representative examples of the useful and important concepts you are learning in the CHM2096 lecture. The course serves to teach the scientific method, skills for problem solving, general chemistry knowledge, and a connection to the principles that govern the natural world.

FIRST DAY OF LAB

Your first lab meeting will be the week of January 25th, but you have online assignments due before this date. The first deadline for online is January 21st at 11:59pm - check Canvas for details. During your first lab meeting, you will meet your TA and fellow classmates, and complete the first lab activity. You will not be allowed to enter lab without proper safety attire. Prior to attending each lab period, you must familiarize yourself with the lab background and procedure, and complete the pre-lab quiz and turn in your pre-lab notebook online. These will be due at 8:00am on your scheduled lab day. During the lab meeting, you will work on performing the lab and completing all post-lab assignments. You will be graded on attendance and participation during each lab period. After the lab period, you will submit your post-lab assignments online to be graded. These will be due at 11:59pm on the day of your scheduled lab. All deadlines are in EST.

COURSE REQUIREMENTS

REQUISITES

Detailed requisite information and credit suitability can be found in the Undergraduate Catalog.

REQUIRED MATERIALS

You will require a computer with an internet connection, a functional webcam and microphone, and Excel.

You will require a suitable laboratory notebook such as a standard composition notebook.

You will require department approved safety glasses or goggles.

You will require a face covering that covers your nose and mouth.

GOGGLES AND ATTIRE

You must be wearing department approved safety glasses or goggles and be properly attired to be admitted to the laboratory at all times, including on the first day of lab. Check the Canvas course pages for information on attire and the types of eye protection approved for use in this lab. Anyone without the necessary safety glasses, or who is inappropriately attired, will not be allowed into the lab. Additionally, no gum chewing or headphones will be allowed in lab. If you are asked to leave the lab due to improper attire, you will not be permitted a makeup. You can leave and return as long as it is within 15 minutes of the start of the period.

LAB SAFETY

You are responsible for reviewing the safety information provided in Canvas. All of the activities worth credit for the course will be locked in Canvas until you satisfactorily complete the Safety Contract. You must also follow all COVID requirements as listed in the statement below.

COVID STATEMENT

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](#).

LAB SCHEDULE (SUBJECT TO CHANGE)

Students will perform 70% of the labs face-to-face (F2F) and 30% of the labs online. This lab schedule is subject to change - students should be available during their scheduled lab meeting time every week. Changes will be communicated via Canvas announcements; it is students' responsibility to read the Canvas announcements and follow the provided information.

DATES	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
Jan. 11 - 15	No Labs			
Jan. 18 - 22	First Assignments Due January 21 st at 11:59pm			
Jan. 25 - 29	DC0: Manage the Nitrogen Cycle: Intro Lab (F2F)			
Feb. 1 - 5	DC1: Engineer Better Medicines: Design Phase (F2F)			
Feb. 8 - 12	DC1: Engineer Better Medicines: Conduct Phase (F2F)			
Feb. 15 - 19	DC1: Engineer Better Medicines: Analyze Phase (Online)			
Feb. 22 - 26	DC2: Engineer the Tools of Scientific Discovery: Design Phase (F2F)			
Mar. 1 - 5	DC2: Engineer the Tools of Scientific Discovery: Conduct Phase (F2F)			
Mar. 8 - 12	DC2: Engineer the Tools of Scientific Discovery: Analyze Phase (Online)			
Mar. 15 - 19	Flex Days			
Mar. 22 - 26	DC3: Restore and Improve Urban Infrastructure: Design Phase (F2F)			
Mar. 29 - Apr. 2	DC3: Restore and Improve Urban Infrastructure: Conduct Phase (F2F)			
Apr. 5 - 9	DC3: Restore and Improve Urban Infrastructure: Analyze Phase (Online)			
Apr. 12 - 16	Flex Days			
Apr. 28	Final Lab Exam is on April 28 th at 10:00am			

ATTENDANCE INFORMATION

LAB PERIOD

You are required to attend lab either in-person or online, depending on the week that you are assigned, during your scheduled lab period. If you are well-prepared, you should not experience difficulties completing the experiments within the allotted timeframe and submitting post-lab assignments that day. Your attendance and participation will be recorded during lab. If you are more than 15 minutes late, then you forfeit your attendance and participation points for the day. You are still responsible for completing the lab and turning in the lab assignments even if you are not present. For online lab meetings, your microphone must be turned on in order to receive attendance and participation points - your video presence is also encouraged. If you are more than 15 minutes late to an online class, you will be placed in your own breakout room and have to complete the lab on your own. If you are more than 15 minutes late to a face-to-face lab, you will not be allowed to enter. To account for issues, one day of attendance points will be dropped for all students. All further absences will be marked as a 0.

ABSENCES

Excused absences are for extenuating circumstances only: documented illness, family emergencies, or university approved absences. Travel, non-emergency doctor or dentist appointments, or extracurricular activities do not justify an excused absence. Missing lab due to improper lab attire does not qualify for an excused absence. Emailed requests to "preview" excused absences will be ignored; it should be clear what constitutes an excused absence.

Students who miss lab due to extreme circumstances beyond their control may submit a request for a deadline extension within 7 days of the missed deadline. To have a request considered for approval, you must (1) complete an Extension Request Form (found on Canvas); and (2) provide documentation by either attaching

a doctor's note (if due to illness) or request an excuse note from the Dean of Students Office if due to a family emergency. Requirements for class attendance and make-ups in this course are consistent with university policies that can be found in the [Undergraduate Catalog](#).

GRADING

DEADLINES AND LATE POLICY

The first assignments for the course are due online on January 21st at 11:59pm. The remaining lab activities will be locked on Canvas until the safety contract is completed. If you miss any assignments due to not completing the contract, you will forfeit the grades.

Each week you will have pre-lab assignments and post-lab assignments. The pre-lab assignments will be due at 8:00am the day of your scheduled lab period. All other lab-related assignments are due by 11:59 pm the day of your scheduled lab period.

Pre-lab assignments cannot be completed late for any credit. For best performance, use only Firefox or Chrome for quizzes. Make sure you start well in advance of the deadline in case your computer's clock differs from official Canvas time. All due dates/times are in EST.

Post-lab assignments that are submitted late will be deducted 25% credit per day that they are late. The penalty is applied even if the submission is received by Canvas one second past the 11:59pm deadline, so be mindful of time. Emailed assignments are not considered for grading.

We highly recommend you submit assignments early and verify they've been submitted through Canvas. We do not recommend using the Canvas App to submit assignments - please use a web browser to avoid issues.

GRADE BREAKDOWN

Each laboratory exercise is comprised of a Pre-Lab quiz, a Pre-Lab Notebook grade, a Post-Notebook grade, a Post-Lab exercise, and various other assignments specific to that lab. Each lab exercise as a whole is weighted equally to your final grade. Within each lab exercise, assignments are weighted according to the published point value. If there is any confusion about this, please see the instructor. Detailed information regarding each of these grading items is provided in Canvas. Assignment weights are as follows:

Assignment Group	Weight %
Safety/Syllabus	5%
Surveys	5%
Attendance/Participation	5%
10 Labs @ 7.5% each	75%
Lab Practical	10%

Grade scale (note: there is no rounding to your score in Canvas):

Letter	A	A-	B+	B	B-	C+	C	D+	D	D-	E
Cutoff	≥93.0	≥90.0	≥86.0	≥83.0	≥80.0	≥76.0	≥70.0	≥66.0	≥63.0	≥60.0	<60.0

RE-GRADES

All lab assignment grades are graded by your TA so you should communicate any lab notebook grade disputes to your TA. Your TA will address your concerns at that time and make any necessary corrections. If your TA finds it necessary to re-grade your lab notebook, he/she will correct the grade on your notebook and on his/her grade sheet immediately. The notebook must be scanned and submitted to

Canvas to the relevant assignment in order for points to be considered toward your course grade.

Regrades of assignments submitted through Canvas, typically via file upload, must be requested within 7 days of a grade being assigned, and should be directed to your TA. If there was a technical issue with the file that was submitted on Canvas, the file can be resubmitted via the comments section to be regraded, but the assignment will suffer a 50% penalty. Technical issues are the student's responsibility so it is recommended that you check your submission when you upload it on Canvas.

LAB PRACTICAL EXAM

Part of your course grade will be based on your performance on the Lab Practical. This is a timed and proctored assignment that is scheduled for April 28th starting at 10:00am. You will have 1 hour complete the lab practical individually. It will assess skills that you have used throughout the semester.

This course uses Honorlock for proctoring of the lab practical. Honorlock is UF's designated online proctoring service for classroom exams and quizzes that were previously in person but have moved online as part of the COVID-19 response effort. In order for you to take exams in this course you will need a government issued photo ID (or your Gator-1 ID), a working camera and microphone on your computer, a stable internet connection, and the Google Chrome browser (<https://chrome.com>) on your computer. Before and during your exam you will need to follow the Honorlock proctor's instructions. Please familiarize yourself with the Honorlock student guide: <https://dce.ufl.edu/media/dceufledu/pdfs/Honorlock-Student-Guide-UF-Update.pdf> and the Honorlock Student Exam Preparation Information: <https://dce.ufl.edu/media/dceufledu/pdfs/Honorlock-Student-Exam-Preparation-Information.pdf> . Full audio and video presence is required for proctored tests administered by Honorlock.

Exam absences will be handled in accordance with official UF academic regulations. For more information, see <https://catalog.ufl.edu/UGRD/academic-regulations/> . See below for further clarification for two different types of situations:

(1) Conflicts with other events: this should be rare, as the final exam is during the registrar scheduled lab period. Such reasons may include religious holidays, military obligations, special curricular requirements (e.g., attending professional conferences), or participation in official UF-sanctioned activities such as athletic competitions, etc. For more information on such absences see the official UF Policy at <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#absencestext>). If you must be absent for an exam due to a documented and approved conflict known in advance, you must e-mail your instructor (within Canvas) the documentation at least one week prior to the scheduled exam and an early conflict exam will be scheduled for you.

(2) Missing an exam due to an emergency or sudden illness: If you are absent for an exam due to an unpredicted documented medical reason or family emergency, you must contact the instructor as soon as possible, and you may be asked to have your excuse verified by the Dean of Students Office (DSO). Your instructor will follow UF academic regulations in evaluating the notification and/or documentation received from you or from the DSO on your behalf. Once your instructor is satisfied with the validity of your exam absence a make-up exam will be scheduled after a reasonable amount of time, i.e., before the end of the semester. If your documentation is deemed insufficient to excuse your absence you will receive a zero on the missed exam.

EDUCATIONAL RESEARCH STUDY

This semester, CHM2096L is part of a chemical education research study within the Department of Chemistry and the College of Education at UF, investigating persistence in STEM fields among students enrolled in our undergraduate lab courses. The study includes three surveys, the first of which includes an Informed Consent question.

To participate in the study, students will agree to the Informed Consent Form as part of the first research survey by the survey due date. If you do not wish to participate in the study and have your survey data removed from the collected data, you still must complete the three surveys. We do ask you to participate in the study since the data collected may prove valuable. Please note that you will have to complete all three surveys prior to their due dates to earn a portion of your course grade; these surveys are included in the Survey category in your gradebook. Participation does not influence your course grade in any way.

UNIVERSITY POLICIES

ACCOMMODATING STUDENTS WITH DISABILITIES

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with the instructor and discuss their access needs, as early as possible in the semester.

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: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>.”

U MATTER, WE CARE

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing Staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

EVALUATIONS

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.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

NETIQUETTE

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions, and chats.

CONFLICTS

If you experience issues with CHM2096L that you cannot resolve with your TA, please see Dr. Korolev in person. Don't wait until the end of term to resolve an ongoing issue.

DISCLAIMER

This syllabus represents my current plans and objectives. If those need to change as the semester progresses, which is not unlikely, then the changes will be communicated to the class clearly.