

CHM2045 — General Chemistry I — Fall 2019

Credits: 3; Prereq: MAC 1147 or the equivalent, and a passing score on the chemistry placement exam or a passing grade in CHM 1025; Coreq: CHM 2045L.

The first semester of the CHM 2045/2045L and CHM 2046/2046L sequence. Stoichiometry, atomic and molecular structure, the states of matter, reaction rates and equilibria. A minimum grade of C is required to progress to CHM2046. A minimum grade of B+ is required to progress to CHM2051 (Honors General Chemistry II). General Education category: P.

Instructor	Dr. Alexander Angerhofer (Dr. A)
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E-mail	alex@chem.ufl.edu
O.H.	T–10, W–10, R–8, and by appointment, tba.

Grad. TAs	Aaron Snell, aaronsnell@ufl.edu , OH: T–6, R–7, F–6 (CLC*), and by appointment. Kaylee Todd, kmtodd8485@chem.ufl.edu , OH: T–5, W–6, R–5 (CLC*), and appointm.
Undergrad. TAs	Alexander Duong, alexander.duong@ufl.edu , OH: W–3, F–3 (CLC*). Alisha Patel, alisha.patel@ufl.edu , OH: M–6, R–10 (CLC*). Amelia Bunnell, ameliaabunnell@ufl.edu , OH: M–8, W–9 (CLC*). Dionna Shine, dionnashine@ufl.edu , OH: M–9, W–4 (CLC*). Ethan Angerhofer, ethanangerhofer@ufl.edu , OH: M–4, T–7 (CLC*). Ike Irvin, ike.irvin@ufl.edu , OH: W–5, F–4 (CLC*). Isa Koreniuk, isakoreniuk@ufl.edu , OH: W–8, R–9 (CLC*). Malhar Patel, malharpatel@ufl.edu , OH: M–3, W–2 (CLC*). Nicholas Ellin, nellin@ufl.edu , OH: T–4, R–4 (CLC*). Ryan Fishman, ryanfishman@ufl.edu , OH: T–8, R–7 (CLC*). Samantha Epstein, samantha.epstein@ufl.edu , OH: T–9, R–6 (CLC*).

*Chemistry Learning Center, 1st floor of JHH, room #105.

Class Meeting Times	TR2–3 periods, 8:35am–10:20am in Flint Hall 050
Holidays	09/02 (Labor Day), 10/04 (Homecoming), 11/11 (Veterans Day), 11/27 – 29 (Thanksgiving holidays), 12/05 – 06 (reading days).
Class Text	‘Chemistry: Atoms First’ 2e by OpenStax. The text is recommended and will be used by the instructor for lectures and practice problems (see course schedule below). It is freely available here: https://openstax.org/details/books/chemistry-atoms-first-2e . Any other reasonably recent General Chemistry textbook such as Silberberg, ‘The Molecular Nature of Matter and Change’ should be fine as well for you to review and look up material.
Homework	Homework will be assigned weekly except during weeks of during-term exams,. Homework will be graded.
Points Earnable	4 progress exams @ 15% each, for 60% total. 1 cumulative final exam @ 23%. 10 homeworks @ 0.8% each, for 8% total. Daily in-class participation grade (learning catalytics) @ 5% total. Team projects @ 2% total. 1 ALEKS prep, due online Sept. 06 @ 2% total. Total earnable points are 100%.
Grading Scheme ¹	A: $\geq 90.0\%$ $90.0\% > A- \geq 86.0\%$ $86.0\% > B+ \geq 83.0\%$ $83.0\% > B \geq 80.0\%$ $80.0\% > B- \geq 77.0\%$ $77.0\% > C+ \geq 73.0\%$ $73.0\% > C \geq 69.0\%$ $69.0\% > D+ \geq 66.0\%$ $66.0\% > D \geq 63.0\%$ $63.0\% > D- \geq 60.0\%$ $60.0\% > E$.

¹ see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx> for more info on UF grade policies.

Course Schedule (tentative):

Date	Day	Chap.	Topic	Reading
08/20/19	T	1	Discussion of Syllabus and review of chap. 1, Phases, Matter, Physical and Chemical Properties, Measurement Units, Unit Conversion, Greek Prefixes, Significant Figures.	Chap. 1
08/22/19	R	2	Review of chap. 2, Historic Evolution of Atomic Theory, Atomic Structure, Symbols, Chemical Formulae.	Chap. 2
08/27/19	T	3	Fundamental Forces and Energy, Waves, Blackbody Radiation, Photoelectric Effect, Atomic Line Spectra, The Bohr Atomic Model.	Chap. 3.1 – 3.2
08/29/19	R	3	Quantum Mechanics, Electrons in Atoms, Atomic Orbitals, Electron Spin and the Pauli Exclusion Principle,	Chap. 3.3
09/03/19	T	3	Electronic Structure of Atoms, Electron Configuration, Aufbau Principle, Quantum Numbers, Ions.	Chap. 3.4
09/05/19	R	3	The Periodic Chart, Periodic Trends in Element Properties, Molecular and Ionic Compounds.	Chap. 3.5 – 3.7
09/10/19	T	1 – 3	Jeopardy #1 (exam preparation)	
09/10/19	T	1 – 3	Exam #1 covering ALEKS prep and chapters 1 through 3.	
09/12/19	R	4	Ionic Bonding, Covalent Bonding, Nomenclature, Lewis Structures, Formal Charges, Resonance.	Chap. 4.1 – 4.5
09/17/19	T	4	Molecular Structure and Polarity, VSEPR Theory.	Chap. 4.6
09/19/19	R	5	Valence Bond Theory, Hybrid Atomic Orbitals.	Chap. 5.1 – 5.2
09/24/19	T	5	Multiple Bonds, MO Theory	Chap. 5.3 – 5.4
09/26/19	R	6	Formula Mass, Empirical and Molecular Formulae	Chap. 6.1 – 6.2
10/01/19	T	6	Molarity, Other Concentration Measures.	Chap. 6.3 – 6.4
10/03/19	R	4 – 6	Jeopardy #2 (exam preparation)	
10/03/19	R	4 – 6	Exam #2 covering chapters 4 through 6.	
10/08/19	T	7	Chemical Equations, Balancing Equations, Stoichiometry, Types of Chemical Rxns.	Chap. 7.1 – 7.3
10/10/19	R	7	Reaction Yields, Quantitative Chemical Analysis.	Chap. 7.4 – 7.5
10/15/19	T	8	Gases, Pressure, Volume, Amount, Temperature, The Ideal Gas Law.	Chap. 8.1 – 8.2
10/17/19	R	8	Stoichiometry of Gases, Mixtures, Rxns, Effusion and Diffusion of Gases.	Chap. 8.3 – 8.4
10/22/19	T	8	Molecular Kinetic Gas Theory, Non-Ideal Gas Behavior.	Chap. 8.5 – 8.6
10/24/19	R	9	Thermochemistry Basics, Calorimetry.	Chap. 9.1 – 9.2
10/29/19	T	9	Enthalpy, Bond Strengths of Ionic and Covalent Bonds.	Chap. 9.3 – 9.4
10/31/19	R	7 – 9	Jeopardy #3 (exam preparation)	
10/31/19	R	7 – 9	Exam #3 covering chapters 7 through 9.	
11/05/19	T	10	Intermolecular Forces, Properties of Liquids, Phase Transitions.	Chap. 10.1 – 10.3
11/07/19	R	10	Phase Diagrams, Solid State, Crystalline Solids, Lattice Structure.	Chap. 10.4 – 10.6
11/12/19	T	11	Dissolution Process, Electrolytes, Solubility.	Chap. 11.1 – 11.3
11/14/19	R	11	Colligative Properties and Colloids.	Chap. 11.4 – 11.5
11/19/19	T	17	Chemical Rxn Rates, Factors Affecting Rates.	Chap. 17.1 – 17.2
11/21/19	R	17	Rate Laws, Differential and Integral Rate Laws.	Chap. 17.3 – 17.4
11/26/19	T	17	Collision Theory. Rxn Mechanisms, Catalysis	Chap. 17.5 – 17.7
12/03/19	T	10, 11, 17	Jeopardy #4 (exam preparation)	
12/03/19	T	10, 11, 17	Exam #4 covering chapters 10, 11, and 17.	
12/09/19	M		Cumulative Final Exam 12:30pm – 2:30pm.	

Office Hour and Class Schedule for CHM2051:

FALL 2019				SCHEDULE CARD							
UNIVERSITY OF FLORIDA											
				NAME: Fall 2019 CHM2045 Office Hours							
				Univ. Address:							
				Univ. Phone:							
Per.	Hour	Monday	Bldg/Rm #	Tuesday	Bldg/Rm #	Wednesday	Bldg/Rm #	Thursday	Bldg/Rm #	Friday	Bldg/Rm #
1	7:25-8:15										
2	8:30-9:20					Malhar	CLC				
3	9:35-10:25	Malhar	CLC			Alex	CLC			Alex	CLC
4	10:40-11:30	Ethan	CLC	Nicholas	CLC	Dionna	CLC	Nicholas	CLC	Ike	CLC
5	11:45-12:35 p			Kaylee	CLC	Ike	CLC	Kaylee	CLC		
6	12:50-1:40	Alisha	CLC	Aaron	CLC	Kaylee	CLC	Samantha	CLC	Aaron	CLC
7	1:55-2:45			Ethan	CLC	Ryan	CLC	Aaron	CLC		
8	3:00-3:50	Amelia	CLC	Ryan	CLC	Isa	CLC	Dr. A	LEI 214A		
9	4:05-4:55	Dionna	CLC	Samantha	CLC	Amelia	CLC	Isa	CLC		
10	5:10-6:00			Dr. A	JHH202	Dr. A	JHH202	Alisha	CLC		
11	6:15-7:05										
E-1	7:20-8:10										
E-2	8:20-9:10										
E-3	9:20-10:10										
Comments:											

Further Important Information:

1. **Overview and Goals:** CHM2045 is the first in a double course series introducing the student to General Chemistry. The goals of the course are to give an overview of basic chemistry, specifically atomic and molecular structure, stoichiometry, overview of chemical reactions, liquids and gases, thermochemistry, chemical kinetics, intermolecular forces, and colligative properties. The course is designed to prepare the student for subsequent work (General Chemistry 2 and Organic). The sections addressed in this syllabus serve primarily Chemistry and Biochemistry majors who need a deeper foundation in atomic structure to help them in more advanced Chemistry courses. This need will be addressed by a stronger focus in these areas and a different sequence of topics compared to the regular CHM2045 courses.
2. **Class Meeting Times:** The class meets in Flint Hall 50 during TR2-3 periods. This course does not have a recitation session. Given that we have two double-period blocks per week the 15 minute break will be handled as follows: Class will start 5 minutes later than the start time of period 2, *i.e.*, 8:35am. We will dismiss class 5 minutes earlier as well, *i.e.*, 10:20am. In addition, there will be a 5 minute break in between which will be taken whenever the flow of the lecture allows. Please be on time for class to start at 8:35am!
3. **Majors Only:** The two sections, 1457 (class #11154) and 148D (class #11155), of this course are reserved for Chemistry and Biochemistry majors. The number of students is capped at 100. This allows for a smaller classroom environment more conducive to an interactive teaching style and better student-student interaction within a smaller classroom environment. While we cover the same topics as all other CHM2045 sections there are a few important differences to note: We will focus on topics that are important to Chemistry/Biochemistry majors. That means that electronic atomic structure will be discussed to a larger extent and Lewis structures will be learned from day 1. Less time will be spent on drills, we do not have a recitation session. However, example problems will be provided and solved in class. Homework sets will contain long-response problems that focus on understanding the material and students are encouraged to form study groups to work together on these problem sets. No worksheets are used in our sections but relevant problems from the openstax textbook will be pointed out for voluntary self-study. Our class will use the 'Learning Catalytics' app for in-class participation while other sections will use the 'tophat' app. Please do not purchase the tophat app unless you need it for some other course. This course will have evening exam times just like other CHM2045 sections, but exam days may be different. The exams are also different. We will not use multiple choice exams. Your exams will come exclusively from your instructor and deal with material covered in class and including the assigned textbook reading, homework sets, practice problems, *etc.*
4. **General Chemistry Learning Objectives:** The course will provide instruction in the basic concepts, theories, and fundamental terms of chemistry. At the very core of chemistry is the concept of the atom, its structure, and bonding interactions with other atoms. Understanding the atom provides a conceptual foundation for the many aspects of 'macroscopic' chemistry. The focus of this course is understanding rather than memorization. Major scientific developments will be reviewed and their impacts on society, science, and the environment examined. Focus will be placed on the relevant processes that govern biological and physical systems. With what they learn students will be able to: (1) formulate empirically testable hypotheses relevant to the study of physical and life processes, (2) use logical reasoning skills through scientific criticism and argument, and (3) apply techniques of discovery and critical thinking to predict and evaluate outcomes of experiments. Upon successful completion of CHM2045 each student will:
 - have a working knowledge of the basic concepts, theories, and fundamental terms of Chemistry that are outlined under 1), and understand the relevant processes that govern chemical systems,
 - grasp the major scientific developments that have led to the current state-of-the-art in the field,
 - be able to assess impacts Chemistry has on society, science, and the environment,
 - be familiar with and capable of using the scientific method when discussing scientific facts as they relate to Chemistry,
 - know how to formulate empirically testable hypotheses derived from the study of physical and chemical processes,
 - use logical reasoning skills through scientific criticism and argument, and apply techniques of discovery and critical thinking to predict and evaluate outcomes of experiments.To achieve these objectives, students are required to participate in all class activities, specifically:
 - Regular attendance of lectures where the course material will be discussed and demonstrated is essential for success in the course. Lecture attendance requires active participation on the students' part. Large sections of class time will be spent in scientific dialog between teacher and students where we will practice the art of scientific reasoning.
 - Weekly graded homework assignments typically provide conceptual and numerical problems that require the student to apply the learned concepts to specific examples. Problems are taken from different areas of experimental and theoretical chemistry including physical and life processes. Homework problems may also include reading material, typically a topically related research article requiring the student to summarize and comment on in their own words.

- Make sure to complete the chapter reading assignments in the course schedule on page 2 above **before** coming to class since class discussion will build on this material.
- 4 mid-term exams will be administered throughout the semester. These exams are not the same exams that the other CHM2045 sections take. Exam problems come from your instructor. Emphasis is placed on testing the students' reasoning skills and their understanding of the material rather than rote memorization of facts.
- Participation points are available to students throughout the semester and can be earned during the lectures by correctly answering 'learning catalytics' questions (for more information see below item #11).
- Approximately 30 weekly office hours are offered by instructor and TAs, conveniently spread out over the whole week. Students are strongly encouraged to seek help and feedback on all concepts and problems encountered in class. While office hour attendance is completely voluntary, it is an important activity that will help solidify students' understanding of the material and make them successful in the course.

5. **Math Requirements:** Students are expected to have a solid grasp of pre-calculus algebra and trigonometry and need to have credit for MAC1147. Ideally, they should be co-registered for MAC2311 (Calculus 1). During lectures, concepts from Calculus may be briefly discussed but will not appear on exams. When derivatives or integrals are mentioned the focus is primarily on their graphical interpretation to aid understanding of chemical or physical concepts. When homework problems require their use, feel free to employ computational solvers such as Wolfram Alpha: <http://www.wolframalpha.com/>.

6. **ALEKS Prep:** Two percent of the course grade will be based on the ALEKS prep work (due Friday, Sept. 06). For more info please see <https://www.chem.ufl.edu/undergraduate/aleks/>.

% ALEKS completion	0 – 69%	70 – 79%	80 – 89%	90 – 98%	99 – 100%
%-grade earned	0%	0.5%	1.0%	1.5%	2.0%

7. **Exam Policies:** University examination and reading day policies can be found at:

<https://catalog.ufl.edu/UGRD/academic-regulations/examination-policies-reading-days/>.

Exams will be taken in the evenings outside of class and the Exam Room Assignments will be posted to canvas. You must use a non-graphing non-programmable scientific calculator on exams with log, ln, root, and exponent (scientific notation) functions. Be sure to also bring pencils and your UF ID card. In this course you are permitted to use a letter-sized sheet of paper with your own hand-written notes in all exams. No other notes, papers, cell phones, or other electronic devices can be in view during exams.

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: Acceptable reasons to miss a scheduled exam include conflicting evening exams in courses with higher course numbers, 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/#absencetext>. If you must be absent for an exam due to a documented and approved conflict known in advance, you must e-mail your instructor (alex@chem.ufl.edu) 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 by you or by 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.

Exam Grade Disputes: Any and all exam grade disputes must be dealt with within two weeks of the scheduled exam date.

Average/Replace Policy: To alleviate the stress of potential issues that do not fall under officially-sanctioned absences, we have incorporated an “*average/replace*” policy (the lowest of the four progress exams will be replaced by the average of the four progress exams). This “*average/replace*” policy will help to minimize the impact of a single poor performance but it will not completely disappear.

8. **Canvas:** Access your Canvas e-learning account by clicking on the ‘Log-In to E-Learning’ link on the web site, <http://lss.at.ufl.edu/> where you will have to supply your Gatorlink credentials to log in. Please, do this at your earliest convenience and make yourself familiar. Canvas will be primarily used by TAs and the instructor to communicate with the class. Please make sure to monitor the

announcements on a regular basis. There may occasionally be assignments on Canvas that need to be completed before class. If you experience technical problems when using Canvas, please contact the UFIT helpdesk (<http://helpdesk.ufl.edu/>, 352-392-4357 M-F from 8:00am till 5:00pm, email helpdesk@ufl.edu, or go to: <http://helpdesk.ufl.edu/e-learning-support/>).

9. **Homework (HW):** Ten HW assignments will be given over the course of the semester. They will normally be published on Canvas by Thursday afternoon and are due on the following Thursday at the beginning of class, *i.e.*, at 8:35am. Late HW policy: HW is late if it is not delivered at the deadline to the TA in charge. Each day late will incur a 20% deduction of the total points value. Do your HW! By doing HW problems you will collect essential points toward your grade and will be better prepared to deal with problems on exams. HW problems come from many different sources, including the instructor's own personal list of problems. Since these will be the hardest problems you will encounter in CHM2045, you may form study groups with other students to work on them. However, simply copying someone else's work is plagiarism and will be treated as such!
10. **Participation Grade:** Participation points (up to 5% of your total grade) will be earned through active participation in class with 'learning catalytics.' This is primarily done by using the app on your digital device (smartphone, tablet, notebook PC, *etc.*) to respond to questions asked by the instructor throughout the lectures (see further explanation below under #11).
11. **LearningCatalytics (LC):** In this course, we will use LC for your digital device to respond to the instructor's questions and earn valuable points toward your grade. You will need to purchase access and create a student account on <https://learningcatalytics.com/>. Follow instructions on that web site, or in the registration document on your Canvas account (click on Files → LC → Get Started-
Flyer_Learning_Catalytics.pdf) to activate your account and link it to our course, CHM2045. When registering make sure to use your full first and last name with correct spelling including capitalization. This is important to correctly link your LC gradebook entry to your course grades on Canvas. Do not register twice! If you have trouble logging in, get in touch with Pearson's help desk online at <https://support.pearson.com/getsupport/s/contactsupport>. The cost for LC is \$12 for the semester. You are required to bring at least one wifi-enabled digital device to class to use for this activity. If you don't have access to a digital device, please contact the instructor.
12. **Team Projects:** The students in the class will be divided into six teams, and each team will participate in four "Jeopardy" or "Who Wants to be a Millionaire" games. For three of these games (Jeopardy #2 – #4), two teams will be responsible for coming up with the questions while the other four teams compete. For Jeopardy #1 the TAs will come up with the questions. The members of each team will receive points for their participation in these games for 2% of the final grade at full participation. Participation as a contestant will earn a student 0.4% for each of three Jeopardy games they are contesting in for a total of 1.2%. The remaining 0.8% is earned by helping your team create questions for one of the "Jeopardy" games. These games will typically happen during the second half of class on the day of an exam. They will be a valuable tool for your exam preparation. Each team will have two TAs assigned who will assist with the logistics of the games.
13. **Video Modules:** Some video modules will be made available through links posted on Canvas. These modules are designed to aid in the explanation of concepts and will be used for instruction in addition to the classroom lectures.
14. **Calculators:** You must have your own scientific calculator. Calculators may be used on homework and exams but may not be shared. You may **not** use graphing calculators or any calculators that are capable of communication on any exam. Simple inexpensive scientific calculators such as the TI-30 series or the Casio fx-260 are acceptable and sufficient for any problem encountered on exams.
15. **Class Attendance:** Regular attendance is essential for your success in this class. However, we will not do roll-calls. Repeated absence in class and discussion session will make it very difficult to earn full participation points. For further information on UF's attendance policies which are in effect for this course, see: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.
16. **Study Habits:** The course demands on average 8 – 10 hours/week of work outside of class. The class will not be taught 'by the book.' It is expected that you read the assigned pages from the textbook (or corresponding chapters in comparable textbooks) and watch assigned video modules in advance before coming to class. The instructor will build on this material and you are expected to be able to follow in-class discussion. The course demands a regular sustained effort throughout the semester. Most importantly, **do not allow yourself to fall behind!** The material builds up and you need to stay ahead of the game. If you find that you are not grasping essential material by reading the textbook and following in-class discussion, **seek help!** Visit your instructor's and/or TAs' office hours, talk to other students in your class, compare notes, form a study group, consult other text books, go to the CLC (Chemistry Learning Center) in Joseph Hernandez Hall 105, *etc.*
17. **Study Groups:** It is highly encouraged to form study groups and meet with them on a weekly basis to discuss course material and to prepare for exams. In this course it is permissible that you work on HW assignments together with your study partners. However, you are responsible to fully understand your own worked-out HW submissions and may not just copy someone else's.
18. **Office Hours:** The instructor, two graduate TAs, and 11 undergraduate student TAs offer a total of 31 office hours spread over the whole week. The detailed times and locations are listed on the first page of this syllabus and the table on the third page. This is time we set aside for you. Take

advantage of it. Please note that the instructor and all TAs are available to help students in any of the two sections. You are not limited to only the TAs assigned to your team. Moreover, the CLC (Chemistry Learning Center in JHH 105) is staffed with General Chemistry TAs (from other sections) throughout the week between periods 2 and 10 and you will be able to get help with your General Chemistry questions from any of them.

19. **Online 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. Announcements will be made to students about the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.
20. **Students with Disabilities:** Students with disabilities requesting accommodation should first register with the Disability Resource Center (352-392-8565, <http://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. The student is responsible for scheduling the exam dates with the DRC. Students with disabilities should follow this procedure as early as possible.
21. **Counseling Services:** The University of Florida provides counseling services for students, staff, and faculty. See <http://www.counseling.ufl.edu/cwc/>. If you or a friend are in distress, call (352) 392-1575 (available 24/7), email umatter@ufl.edu, or walk in for an emergency consultation during regular service hours (8:00am – 5:00pm) at the Radio Road Site, 3190 Radio Rd. For other hours or weekends, call the Alachua County Crisis Center, (352) 264-6789. For sexual assault recovery services call the Student Health Care Center at (352) 392-1161. For life-threatening emergencies always call 911.
22. **Emergency Numbers and Web Sites:**
UFPD (UF Police Department): In case of emergency dial 911. The UF campus police non-emergency number is (352) 392-1111. Their web site: <http://www.police.ufl.edu/>,
UF Emergency management: (352) 273-2100. <https://emergency.ufl.edu/>,
Infirmary (student health center): (352) 392-1161, <http://shcc.ufl.edu/>.
EH&S (Environmental Health & Safety): (352) 392-1591, <http://www.ehs.ufl.edu/>.
23. **Other Academic Resources:** UF provides several other resources for students, such as
Library Support here: <http://cms.uflib.ufl.edu/ask>, where you can find various ways to receive assistance with respect to using the libraries or finding resources.
The Career Resource Center is located on level One in the Reitz Union, (352) 392-1601, and provides career assistance and counseling. Refer to <https://career.ufl.edu/> for further info.
The Teaching Center is located in Broward Hall, call (352) 392-2010 or (352) 392-6420 and provides students with tutoring services and counseling regarding general study skills. Refer to <http://teachingcenter.ufl.edu/> for further info. It may also provide employment opportunities as tutors for well qualified students.
The Writing Studio is located at 302, Tigert Hall, (352) 846-1138, and provides help with brainstorming, formatting, and writing papers, see: <https://writing.ufl.edu/writing-studio/>.
The Ombuds Office is located at 31 Tigert Hall, (352) 392-1308, and provides students assistance in resolving problems and conflicts that arise in the course of interacting with the University of Florida. By considering problems in an unbiased way, the Ombuds works to achieve a fair resolution and works to protect the rights of all parties involved. For further information go to <https://ombuds.ufl.edu/> or refer to the official complaints policy here: https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf.
24. **Cell Phone Etiquette:** Please put all cell phones or other electronic devices on “**silent mode**” during all class and discussion periods. Please do not leave the classroom during lecture to make a phone call. Use your cellphone only for ‘learning catalytics’ activities while class is in session.
Thank you!
25. **Group-Me Groups:** Team TAs will generate group-me’s for their teams. Larger group-me’s for the whole class are also encouraged to enable communication amongst yourselves.
26. **Honor Code:** This class will operate under the policies of the student honor code which can be found at: <https://sccr.dso.ufl.edu/process/student-conduct-code/>. The students, instructor, and TAs are honor-bound to comply with the Honor 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.**
27. **Disclaimer:** This syllabus represents my current plans and objectives. If those need to change as the semester progresses, then the changes will be communicated to the class through canvas and in the classroom.

If you have further questions, please contact me. Have a great semester!

Sincerely, Yours,

Alexander Angerhofer
(Dr. A)