



Course	CHEM 1312: General Chemistry 2
Professors	Nimali Abeykoon, Gregg Dieckmann, Zohreh Hashami, Yu Huang, Stephanie Taylor
Term	Spring 2021
Section Times	Section 001: MWF 9:00 am – 9:50 am: Dr. Taylor Section 002: MWF 10:00 am – 10:50 am: Dr. Huang Section 003: MWF 11:00 am – 11:50 am: Dr. Dieckmann Section 004: MWF 1:00 pm – 1:50 pm: Dr. Hashami Section 005: MWF 2:00 pm – 2:50 pm: Dr. Abeykoon

Contact Information

Office Phones [972-883-XXXX]	Dr. Abeykoon: 3991; Dr. Dieckmann: 2903; Dr. Hashami: 2909; Dr. Huang: 4686; Dr. Taylor: 6044
Email Addresses	Dr. Abeykoon: Nimali.Abeykoon@utdallas.edu; Dr. Dieckmann: Dieckgr@utdallas.edu; Dr. Hashami: zxh088000@utdallas.edu; Dr. Huang: Yu.Huang@utdallas.edu; Dr. Taylor: StephanieM.Taylor@utdallas.edu
Office Hours	Instructors will use both online and in-person office hours to offer assistance to students. Online office hours will be delivered through MS Teams and/or Blackboard Collaborate (BbC). Links for these will be posted both on individual section eLearning pages and on section 701 (allowing you to attend any instructor's office hours, not just those of your own instructor). If you wish to arrange a 1 on 1 meeting with an instructor, feel free to email them. Dr. Abeykoon: Tues 5:00 to 6:00 pm (SLC 3.306); Tues 6:00 to 7:00 pm (BbC) Dr. Dieckmann: Tues 2:00 to 3:00 pm (BE 2.324); Wed 8:00 to 9:00 pm (BbC); Thurs 10:00 to 11:00 am (BE 2.324) Dr. Hashami: Tues 10:00 to 11:00 am (BbC); Fri 2:00 to 3:00 pm (BE 2.322) Dr. Huang: Mon and Wed 3:00 to 4:00 pm (BbC) Dr. Taylor: Mon and Wed 3:00 to 4:00 pm (Teams)

Course Modality and Expectations

Class format for weeks 1 thru 3	For the first 3 weeks of the semester (Wed 01-19 thru Fri 02-04-2022), this course will be taught in a remote instructional mode. That means the following: • instructors will deliver lectures online at the day and time listed for their course section. Instructors will deliver this instruction in the assigned lecture hall—these lectures will be recorded and made available online. Students will have the choice to watch the lectures online and/or attend the lectures in person. • office hours will be delivered online at the day and time listed; individual instructors may notify you if they choose to deviate from this plan
All other weeks (see below)	
Instructional Mode	This course will be taught using an “in-person” instructional mode, and will be composed of several pieces: (1) Content videos for the course have been pre-recorded and will be available to students to watch from the eLearning course page at their convenience. (2) Instructors will deliver in-person lectures at the day and time listed for their course section in SLC 1.102; each section may utilize these times slightly differently. These sessions will NOT be recorded. Students must attend their own scheduled section. (3) Office hours will be provided by each instructor (see details in the “Office Hours” section above). There will be a combination of in-person and online sessions available, depending on the instructor. These are available to all students and allow students to seek clarification on course content from the instructors. These will not be recorded. Participation in office hours is not mandatory. (4) Individual sessions between a student and an instructor can be requested by the student for additional 1-on-1 assistance. Please contact the instructor to set up such a session. (5) Midterm exams will be delivered in an online format (see “Exam/Final Exam Details” section below). (6) Final Exam will be an in-person exam (see “Exam/Final Exam Details” section below).

Course Platform	1. Content videos have been pre-recorded. Links to these recordings will be located on the eLearning course page for viewing 2. In-person lectures (MWF sections) will be delivered by each instructor. These sessions will NOT be recorded, so attending these sessions will be important. 3. Office hours and 1-on-1 sessions will be delivered by each instructor in a combination of in-person and online formats (see details above in the "Office Hours" section) 4. Midterm exams will be online and delivered using eLearning (see details below in the "Exam/Final Exam Details" section) 5. Final Exam will be an in-person exam (see details below in the "Exam/Final Exam Details" section)
Expectations	• Students will have a confident level of computer and Internet literacy to enable a successful learning experience. In addition, students must have a laptop or desktop computer and a reliable internet connection for online exams (tablets and phones will not be sufficient). • Students will view pre-recorded lecture materials as needed. This will not be graded but is highly recommended if students require help in addition to the in-person lectures. • Students will attend the MWF in-person lecture sessions to get experience working with the topics covered in the lectures. This will not be graded but is highly recommended. • Students will work recommended textbook end-of-chapter homework problems (see description below in "Homework" section) to gain experience solving problems and working with course topics. This will not be graded but is highly recommended. • Students will utilize ALEKS (see description below in the "ALEKS" section) to receive personalized instruction on course content. This WILL BE graded, with deadlines almost every week, and will contribute to your final grade. You are welcome to work ahead on ALEKS. • Students will attend office hours (and potentially one-on-one sessions) to get clarification on course content when needed. This will not be graded but is highly recommended for students that need additional assistance. • Students will take 4 midterm exams and 1 final exam (cumulative) to demonstrate their mastery of course content (see description below in "Exams/Final Exam Details" section). These WILL BE graded, and will be a large part of your final grade.

COVID-19 Guidelines and Resources

The information contained in the following link lists the University's COVID-19 resources for students and instructors of record. Please see <http://go.utdallas.edu/syllabus-policies>.

Classroom Safety and COVID-19 To help preserve the University's in-person learning environment, UT Dallas recommends the following:

Adhere to the University's [CDC Updated Guidelines](#) issued on July 30, 2021. All Comets are strongly encouraged to wear face coverings indoors regardless of vaccination status.

Accommodations for Students Who Must Isolate or Quarantine Due to COVID-19

To keep the UT Dallas community as safe as possible, the University requires students who test positive for COVID-19 or who are close contacts as determined by the campus contact tracing program to isolate or quarantine as applicable. Faculty will be notified by the Dean of Students' Office if a student in their class has been required to isolate (positive case) or quarantine (exposed). Absences due to COVID-19 will not be counted against an isolated or quarantined student.

Verifying COVID-19 Isolations or Quarantines

Students need to self-report COVID-19 positive results or exposures via an [online form](#) so that university campus tracers can verify, record, and take necessary campus precautions. Students should not attend class until cleared by campus tracers.

Vaccinations are widely available, free and not billed to health insurance. The vaccine will help protect against the transmission of the virus to others and reduce serious symptoms in those who are vaccinated. You are strongly encouraged to [get a COVID-19 vaccine](#) and register your vaccination status through the [voluntary vaccine report form](#).

Proactive Community Testing remains an important part of the university's efforts to protect our community. Tests are fast and free. Please check the [Comets United](#) webpage for additional information.

[Student Safety](#) remains an important part of the UT Dallas' efforts to protect our community. All students will adhere to the Comet Commitment. Unvaccinated Comets will be expected to complete the mandatory [Required Daily Health](#)

[Screening](#). Those students who do not comply will be referred to the Office of Community Standards and Conduct for disciplinary action under the [Student Code of Conduct – UTSP5003](#). All students are encouraged to read the [Recommendations for Students Returning to Campus](#) issued on August 2, 2021.

Visit [Comets United webpage](#) to obtain the latest information on the University's guidance and resources for campus health and safety.

[Student Resources](#): a variety of resources are available to help students to obtain counseling, health care, and academic support.

Class Participation and Attendance

Regular class participation is expected regardless of course modality. Students who fail to participate in class regularly are inviting scholastic difficulty. Aspects of course participation are outlined in the "Expectations" section above, and several clearly have an impact on your course grade.

Activities such as watching pre-recorded content videos, attending/participating in MWF scheduled lectures, and office hours will not be used as part of grading for the course.

Class Recordings

Unless the Office of Student AccessAbility has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. If the instructor or a UTD school/department/office plans any other uses for the recordings, consent of the students identifiable in the recordings is required prior to such use unless an exception is allowed by law. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

Class Materials

The Instructor may provide class materials that will be made available to all students registered for this class as they are intended to supplement the classroom experience. These materials may be downloaded during the course, however, these materials are for registered students' use only. Classroom materials may not be reproduced or shared with those not in class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

General Course Information

Pre-requisites, Co-requisites, & other restrictions	One year of high school chemistry and one semester of college general chemistry (e.g. CHEM 1311) are assumed. You must enroll in the exam section of the course (section 7W1) in addition to your specific section. The exams will be administered through this exam section.
Course Description	A continuation of CHEM 1311 treating solutions; chemical equilibrium, acids and bases, solubility; electrochemistry; organic chemistry; rates of reactions; and environmental, polymer, nuclear, and biochemistry.
Learning Outcomes	<u>Objectives</u> This course is the second of a two-course sequence. The goal of this course is to provide students with a working knowledge of how the basic concepts learned in CHEM 1311 apply to more complex chemical systems. The course focuses on the following: chemical equilibrium; rates of reactions; acid base chemistry, including buffer systems and acid/base titrations; electrochemistry; thermodynamics; nuclear chemistry; and basic organic chemistry concepts. Basic problem solving skills and critical thinking continue to be emphasized in this course. <u>Expected Learning Outcomes</u> Upon successful completion of this course, students will therefore: 1) be able to use their understanding of intermolecular attractive forces that determine the properties of the states of matter and phase behavior by predicting colligative properties and the characteristics of solutions 2) be able to use the basic concept of equilibrium in writing equilibrium constant relationships, determining whether equilibrium has been established, calculating equilibrium concentrations, and predicting the effects of concentration, pressure and temperature changes on equilibrium mixtures (LeChatelier's Principle)

	3) be able to interpret experimental data (in both tabular and graphical form) by appropriately setting up and solving scientific problems using dimensional analysis with proper attention to scientific units and significant figures 4) be able to apply the concepts of equilibrium to (a) understand common inorganic reactions that occur in aqueous solutions (e.g. acid-base, solubility-precipitation and oxidation/reduction reactions); (b) understand how chemical equilibria depend on ΔH, ΔS and ΔG; and (c) determine standard and non-standard cell potentials and equilibrium constants from cell potential data for oxidation/reduction reactions 5) be able to demonstrate an understanding of the basic concepts of chemical kinetics, how rate & equilibrium properties are related, & how these topics relate to major scientific issues by utilizing this knowledge to solve kinetics calculations & evaluate rxn mechanisms
Required Texts & Materials	1. ALEKS online assessment and learning system: http://www.aleks.com • this is required for every student in the course • requires an access code that can be purchased from the UTD Bookstore or online from McGraw Hill • a 2-week free trial option is available to give students extra time to purchase the access code • ALEKS 360 contains the electronic (eBook) version of the textbook (see #2) • you can purchase 1-semester or 2-semester versions 2. Textbook: <i>Chemistry: Atoms First, 4th Edition</i> (Julia Burdge, Jason Overby); McGraw-Hill • you can purchase either as the eBook version in ALEKS, or as a stand alone book • we recommend students use the 4th edition of this textbook, since lectures references, as well as assigned end-of-chapter homework problems, will be specific to this edition 3. Course materials located on class site at eLearning: http://elearning.utdallas.edu/ • will contain important course content, such as this syllabus, lecture notes, gradebook, etc. • will also be how you access online exams for this course 4. Calculator • needs to be a scientific calculator capable of using scientific notation, logarithmic and natural logarithmic functions • TI-30X IIS (or TI-30X IIB) or TI-30Xa are recommended
Technical Requirements	In addition to a confident level of computer and Internet literacy, certain minimum technical requirements must be met to enable a successful learning experience. Please review the important technical requirements on the Getting Started with eLearning webpage. UT Dallas provides eLearning technical support 24 hours a day, 7 days a week. The eLearning Support Center includes a toll-free telephone number for immediate assistance (1-866-588-3192), email request service, and an online chat service. Midterm exams for this class will be online. To successfully take an exam, you must have a laptop or desktop computer (no tablets/phones), and a reliable internet connection. You will then access the exam within this eLearning course.
Course Access and Navigation	This course can be accessed using your UT Dallas NetID account on the eLearning website. Please see the course access and navigation section of the Getting Started with eLearning webpage for more information. To become familiar with the eLearning tool, please see the Student eLearning Tutorials webpage. UT Dallas provides eLearning technical support 24 hours a day, 7 days a week. The eLearning Support Center includes a toll-free telephone number for immediate assistance (1-866-588-3192), email request service, and an online chat service.
Communication	This course utilizes online tools for interaction and communication. Some external communication tools such as regular email and a web conferencing tool may also be used during the semester. For more details, please visit the Student eLearning Tutorials webpage for video demonstrations on eLearning tools. Student emails and discussion board messages will be answered within 3 working days under normal circumstances.
Distance Learning Student Resources	Online students have access to resources including the McDermott Library, Academic Advising, The Office of Student AccessAbility, and many others. Please see the eLearning Current Students webpage for more information.

Server Unavailability or Other Technical Difficulties	The University is committed to providing a reliable learning management system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the students should immediately report any problems to the instructor and also contact the online eLearning Help Desk. The instructor and the eLearning Help Desk will work with the student to resolve any issues at the earliest possible time.
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Schedule & Academic Calendar

Schedule & Academic Calendar				
Class Period	Day	Date	Topic	Chapter
	Mon	Jan 17	Martin Luther King Day (no class)	
1	Wed	Jan 19	Introduction	
2	Fri	Jan 21	Physical Properties of Solutions	13
3	Mon	Jan 24		
4	Wed	Jan 26		
5	Fri	Jan 28		
6	Mon	Jan 31		
7	Wed	Feb 2	Kinetics	14
8	Fri	Feb 4		
9	Mon	Feb 7		
10	Wed	Feb 9		
11	Fri	Feb 11		
	Sat	Feb 12	Exam 1 (Chapters 13 and 14)	
12	Mon	Feb 14	Equilibrium	16
13	Wed	Feb 16		
14	Fri	Feb 18		
15	Mon	Feb 21	Acids and Bases	17 (thru 17.9)
16	Wed	Feb 23		
17	Fri	Feb 25		
18	Mon	Feb 28		
19	Wed	Mar 2		
20	Fri	Mar 4		
	Sat	Mar 5	Exam 2 (Chapters 16 and 17.1-17.9)	
21	Mon	Mar 7	Acids and Bases (cont.)	17.10–17.12
22	Wed	Mar 9	Acid/base equilibria and Solubility equilibria	18
23	Fri	Mar 11		
		Mar 14-20	Spring Break	
24	Mon	Mar 21	Acid/base equilibria and Solubility equilibria (cont.)	18 (cont.)
25	Wed	Mar 23		
26	Fri	Mar 25		
27	Mon	Mar 28		
28	Wed	Mar 30	Entropy and Free energy	15
29	Fri	Apr 1		
30	Mon	Apr 4		
31	Wed	Apr 6		
32	Fri	Apr 8		
	Sat	Apr 9	Exam 3 (Chapters 17.10-17.12, 18 and 15)	
33	Mon	Apr 11	Free energy and equilibrium	16.4
34	Wed	Apr 13	Electrochemistry	19
35	Fri	Apr 15		
36	Mon	Apr 18		
37	Wed	Apr 20		
38	Fri	Apr 22		
39	Mon	Apr 25	Nuclear chemistry	20
40	Wed	Apr 27		
41	Fri	Apr 29		
	Sat	Apr 30	Exam 4 (Chapters 16.4, 19 and 20)	
42	Mon	May 2	Carbon-based nanomaterials	Notes
43	Wed	May 4		
	Fri	May 6	Reading Day	
	Tues	May 10	Final Exam (Cumulative)	

Exam Schedule:

Sat	Feb 12	Exam 1	10:00 – 11:30am; 90 min exam; start between 10:00 and 10:30am CST
Sat	Mar 5	Exam 2	10:00 – 11:30am; 90 min exam; start between 10:00 and 10:30am CST
Sat	Apr 9	Exam 3	10:00 – 11:30am; 90 min exam; start between 10:00 and 10:30am CST
Sat	Apr 30	Exam 4	10:00 – 11:30am; 90 min exam; start between 10:00 and 10:30am CST
Tues	May 10	Final Exam	8:00 – 10:45pm; 2 hr 45 min exam; start at 8:00pm CST

Course Policies

Comet Creed	This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same: <i>"As a Comet, I pledge honesty, integrity, and service in all that I do."</i>								
Grading (credit) Criteria	Course Evaluation: <table border="0"> <tr> <td>Section-specific "participation" activities</td> <td>1%</td> </tr> <tr> <td>ALEKS</td> <td>15%</td> </tr> <tr> <td>Midterm Exams (4 x 16%)</td> <td>64%</td> </tr> <tr> <td>Final Exam</td> <td>20%</td> </tr> </table> Our goal in this class is to help you develop an understanding (and appreciation) of how chemistry impacts your everyday lives. Our main focus will be on CONCEPTS and not just FACTS, and our teaching and testing will reflect this. We have designed this course to empower you to succeed in learning chemical concepts. We have a number of "resources" that we are putting at your disposal to enable you to succeed. While students will differ in the type of resources they prefer to utilize, in our experience we have identified a subset that are critical. Thus for those, we give extra emphasis in the class to strongly encourage students to use them. Resources are described below and in the following sections: Homework assignments (end of chapter problems): • a principle method for assessing whether you understand a concept and how to use it • the MOST critical resource for preparing for exams • assigned for each chapter from end-of-chapter exercises in your textbook • large number of problems selected to cover the majority of important concepts • mixture of conceptual and quantitative problems • these will not be collected or graded • all homework assignments and keys are posted on eLearning Section-specific "participation" activities: • these will vary from section to section • your instructor will describe these in more detail ALEKS: • web-based individualized learning and assessment system • helps a student strengthen their fundamental knowledge and identify what they don't understand • useful to prepare for doing the homework—doing ALEKS WITHOUT doing the homework is typically NOT sufficient for Exam preparation • details for ALEKS provided in a separate document • each student will get a unique set of questions tailored by the system to suit the student's preparation and understanding of the material • ALEKS will constitute 15% of your course score, broken down as follows: -- Completion Goals, best 12 of 14 objectives, 12% -- Overall pie completion, 3% Midterm exams (online): • questions will focus on concepts and material covered in recorded lecture material, during class meetings, in homework, and ALEKS • each midterm exam will be 90 minutes long • the procedure for taking an exam is described below in "Exam/Final Exam Details" section • ALL MIDTERM EXAMS MUST BE TAKEN, at the scheduled time and on the scheduled day • in the case of an acceptable, documented reason (as defined by the University policy – for example, documented illness, participation in a UTD-sponsored event), a late exam will be offered on the Monday after each Saturday exam period; in all cases, students must speak to their instructor and get approval to take the late exam. Note: there are FEW exceptions to missing an exam, so you need to plan your schedule to take the online exams in the scheduled timeframe just like you would be expected to in an in-person, traditional exam period. Final exam (in-person): • comprehensive exam • this exam will be administered in-person; details will be provided in the future • the final exam is 2 hours and 45 minutes long • the final exam must be taken and cannot be replaced by any other grade • No makeup final will be given • The final exam will replace your lowest regular exam score if the former is higher. This policy holds for all students and is in place to allow a student who misses ONE exam for any reason	Section-specific "participation" activities	1%	ALEKS	15%	Midterm Exams (4 x 16%)	64%	Final Exam	20%
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	to have that grade of zero replaced. To clarify: the final exam can be used ONCE to replace ONE exam score—either your lowest of 5 completed midterm exams, or to serve in place of a missed midterm exam for any reason.																																																																
Grading Scale	- Letter grades will be determined for the Midterm Grade and Final Semester Grade ONLY - Scores will be rounded when determining letter grades (e.g. 89.4 will round to an 89; 89.5 will round to a 90) <u>Grade breaks:</u> <table><tr><td>A+</td><td>98 and above</td></tr><tr><td>A</td><td>93 (inclusive) to 98</td></tr><tr><td>A-</td><td>90 (inclusive) to 93</td></tr><tr><td>B+</td><td>87 (inclusive) to 90</td></tr><tr><td>B</td><td>83 (inclusive) to 87</td></tr><tr><td>B-</td><td>80 (inclusive) to 83</td></tr><tr><td>C+</td><td>77 (inclusive) to 80</td></tr><tr><td>C</td><td>73 (inclusive) to 77</td></tr><tr><td>C-</td><td>70 (inclusive) to 73</td></tr><tr><td>D+</td><td>67 (inclusive) to 70</td></tr><tr><td>D</td><td>63 (inclusive) to 67</td></tr><tr><td>D-</td><td>60 (inclusive) to 63</td></tr><tr><td>F</td><td>below 60</td></tr></table>	A+	98 and above	A	93 (inclusive) to 98	A-	90 (inclusive) to 93	B+	87 (inclusive) to 90	B	83 (inclusive) to 87	B-	80 (inclusive) to 83	C+	77 (inclusive) to 80	C	73 (inclusive) to 77	C-	70 (inclusive) to 73	D+	67 (inclusive) to 70	D	63 (inclusive) to 67	D-	60 (inclusive) to 63	F	below 60																																						
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Extra Credit	There is no extra credit in this course. Your course grade will be determined by your performance in ALEKS, on the midterm exams, and on the final exam.																																																																
ALEKS Deadlines	ALEKS objectives are <i>due on the date listed below</i>—at the deadline time (11:59 pm, CST), these objectives will close and you will no longer be able to improve your grade for that objective. <table><tr><th>Date Due</th><th>Objective #</th><th>Content</th><th>*Knowledge check after?</th></tr><tr><td>Wed Jan 19</td><td>0</td><td>IGNORE! NO GRADE. WILL NOT COUNT</td><td></td></tr><tr><td>Wed Jan 26</td><td>1</td><td>Solutions 1</td><td></td></tr><tr><td>Wed Feb 2</td><td>2</td><td>Solutions 2</td><td></td></tr><tr><td>Wed Feb 9</td><td>3</td><td>Kinetics 1</td><td></td></tr><tr><td>Wed Feb 16</td><td>4*</td><td>Kinetics 2</td><td>YES</td></tr><tr><td>Wed Feb 23</td><td>5</td><td>Equilibrium</td><td></td></tr><tr><td>Wed Mar 2</td><td>6</td><td>Acid/base 1</td><td></td></tr><tr><td>Wed Mar 9</td><td>7*</td><td>Acid/base 2</td><td>YES</td></tr><tr><td>Wed Mar 23</td><td>8</td><td>Buffers</td><td></td></tr><tr><td>Wed Mar 30</td><td>9*</td><td>Titrations/solubility</td><td>YES</td></tr><tr><td>Wed Apr 6</td><td>10</td><td>Thermo 1</td><td></td></tr><tr><td>Wed Apr 13</td><td>11</td><td>Thermo 2</td><td></td></tr><tr><td>Wed Apr 20</td><td>12*</td><td>Electrochem 1</td><td>YES</td></tr><tr><td>Wed Apr 27</td><td>13</td><td>Electrochem 2</td><td></td></tr><tr><td>Wed May 4</td><td>14</td><td>Nuclear</td><td></td></tr></table> <i>* you will be given a knowledge check after this objective's deadline (before you can proceed to the next objective)</i>	Date Due	Objective #	Content	*Knowledge check after?	Wed Jan 19	0	IGNORE! NO GRADE. WILL NOT COUNT		Wed Jan 26	1	Solutions 1		Wed Feb 2	2	Solutions 2		Wed Feb 9	3	Kinetics 1		Wed Feb 16	4*	Kinetics 2	YES	Wed Feb 23	5	Equilibrium		Wed Mar 2	6	Acid/base 1		Wed Mar 9	7*	Acid/base 2	YES	Wed Mar 23	8	Buffers		Wed Mar 30	9*	Titrations/solubility	YES	Wed Apr 6	10	Thermo 1		Wed Apr 13	11	Thermo 2		Wed Apr 20	12*	Electrochem 1	YES	Wed Apr 27	13	Electrochem 2		Wed May 4	14	Nuclear	
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Exam Details	- there will be four midterm exams and one cumulative final exam - each midterm exam will be 90 min in length; the final exam will be 2 hrs 45 min. Exams will be designed so that a well-prepared student can complete the necessary work in the allocated time. - exams will be composed of several types of questions, including multiple choice, short answer, matching, true/false, etc. - midterm exam questions will be displayed on the screen one at a time - midterm exams will be online and delivered in eLearning in the exam section of the course (section 701) -- you must be enrolled in section 701 in addition to your lecture section in order to take the Midterm exams for this course - you will have a 30-minute window in which to begin your midterm exams: 10:00 to 10:30am - To successfully take a midterm exam, you must have a laptop or desktop computer (no tablets/phones), and a reliable internet connection. - you will need a calculator; it needs to be a scientific calculator capable of using scientific notation, logarithmic and natural logarithmic functions																																																																

	-- TI-30X IIS (or TI-30X IIB) or TI-30Xa are recommended • all exams will be closed-book and closed-note; the only resources you will be allowed will be scratch paper and your calculator • during exams, you may not receive assistance from any source, including other students, tutors or online services; this constitutes academic dishonesty, and any indication that you have done so will be reported to the UTD Office of Community Standards and Conduct. • likewise, you may not provide any assistance to fellow students; this is also academic dishonesty and will be reported. • likewise, you may not upload any questions or exam content to tutoring or other online services including browser searches, as this will also be considered academic dishonesty.								
Peer Instructional Support (PLTL Program)	Peer Led Team Learning (PLTL) is a program designed to provide an active learning experience in which students can gain the skills and confidence to be successful learners in General Chemistry and other science courses. In weekly ninety-minute PLTL sessions, small groups of students will work together to solve problems written by the course professors. An undergraduate PLTL leader who has training in group dynamics and mastery of course content will lead them. This is an optional component to the course. However, if you choose to participate, you are required to stay in the program throughout the semester—the integrity of the group depends on it. As such, it is critical to attend every session—skipping a PLTL session limits the utility of that session for everybody else. We want people who sign up for the program to be fully committed to attending. <u>Bottom line: only sign up for PLTL if you are committed to attending every session.</u> To participate in a PLTL group, you will need to apply online. More details of this program, and the enrollment procedure, will be announced in class. You can learn more about PLTL at the following link for the Student Success Center: https://www.utdallas.edu/studentsuccess/help-with-courses/peer-led-team-learning/. If you would like to pre-register to be a part of priority registration, you must fill out a pre-registration form (found at the following site): https://eforms.utdallas.edu/utd-pltl-lottery <table border="0"> <tr> <td>01-10-2022:</td> <td>PLTL Lottery opens</td> </tr> <tr> <td>01-18-2022 (10am):</td> <td>Early access registration starts</td> </tr> <tr> <td>01-20-2022 (10am):</td> <td>Open registration starts</td> </tr> <tr> <td>01-24-2022:</td> <td>PLTL sessions begin</td> </tr> </table> • Registration will be on Coursebook during the first week of classes.	01-10-2022:	PLTL Lottery opens	01-18-2022 (10am):	Early access registration starts	01-20-2022 (10am):	Open registration starts	01-24-2022:	PLTL sessions begin
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01-20-2022 (10am):	Open registration starts								
01-24-2022:	PLTL sessions begin								
Other Assistance	There are other resources available to you through the Student Success Center (SSC). This fall, all of the SSC services, including Supplemental Instructors (SI's) and Chemistry tutors, will be in person. SI sessions will begin TBD You can learn more about the SI program and the SSC at the following website: https://www.utdallas.edu/studentsuccess/ Additional University academic support resources for all students can be found at the Academic Support Resources webpage.								
Regrade Policy	Requests to have 1 or more questions of an exam regraded have to be made within 1 week of receiving the graded assignment. The request should be in the form of an email from your UTD email account to the instructor; the subject line should read "exam X regrade", where X is the assignment number; the body of the email should contain your full name, the problem number and an explanation of your request.								
UT Dallas Syllabus Policies and Procedures	The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus: http://go.utdallas.edu/syllabus-policies Policies covered include: student conduct and discipline, academic integrity, copyright notice, email use, student grievance procedures, and religious holy days. Some additional information regarding some of these topics is included in related sections below.								
Academic Integrity	The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.								

	Academic Dishonesty: Academic dishonesty can occur in relation to any type of work submitted for academic credit or as a requirement for a class. It can include individual work or a group project. Academic dishonesty includes plagiarism, cheating, fabrication, and collaboration/collusion. In order to avoid academic dishonesty, it is important for students to fully understand the expectations of their professors. This is best accomplished through asking clarifying questions if an individual does not completely understand the requirements of an assignment. During exams, you may not receive assistance from any source, including other students, tutors or online services; this constitutes academic dishonesty, and any indication that you have done so will be reported to the UTD Office of Community Standards and Conduct. You may likewise not provide any assistance to fellow students; this is also academic dishonesty and will be reported. You may not upload any questions or exam content to tutoring or other online services, as this will also be considered academic dishonesty. Additional information related to academic dishonesty and tips on how to avoid dishonesty may be found here: https://www.utdallas.edu/conduct/dishonesty/.
Email Use	We will not communicate any details regarding your grade through email. We will only discuss these details in person with a student. If you experience any problems with your UTD account, you may send an email to: assist@utdallas.edu or call the UTD Computer Helpdesk at 972-883-2911.
Withdrawal from Class	The administration at UT Dallas has established deadlines for withdrawal from any course. These dates and times are published in the Comet Calendar (http://www.utdallas.edu/calendar) and in the Academic Calendar (http://www.utdallas.edu/academiccalendar). It is the student's responsibility to handle withdrawal requirements from any class. In other words, a professor or another instructor cannot drop or withdraw any student unless there is an administrative drop such as the following: • Not meeting the prerequisites for a specific course • Not satisfying the academic probationary requirements, resulting in suspension • An Office of Community Standards and Conduct request • Not making appropriate tuition and fee payments • Enrollment is in violation of academic policy • Not admitted for the term in which they registered It is the student's responsibility to complete and submit the appropriate forms to the Registrar's Office and ensure that he or she will not receive a final grade of "F" in a course if he or she chooses not to attend the class after being enrolled.
Incomplete Grades	As per university policy, incomplete grades will be granted only for work unavoidably missed at the semester's end and only if 70% of the course work has been completed. An incomplete grade must be resolved within eight (8) weeks from the first day of the subsequent long semester. If the required work to complete the course and to remove the incomplete grade is not submitted by the specified deadline, the incomplete grade is changed automatically to a grade of F.
Office of Student AccessAbility (OSA)	It is the policy and practice of UT Dallas to make reasonable accommodations for students with properly documented disabilities. If you are a student with a disability and believe you will need academic accommodations for this class, you are encouraged to register with the Office of Student AccessAbility (OSA). Some aspects of the course, the assignments, the in-class activities, and the way the course is typically taught may be accommodated to facilitate your participation and progress. OSA will assist you in determining academic accommodations that are appropriate for your situation. Any information you provide is private and confidential and will be treated as such. To avoid any delay, please contact OSA as soon as possible. Please note that accommodations are not retroactive, and disability accommodations cannot be provided until an OSA Letter of Accommodation has been given to the instructor. Students who have questions about receiving accommodations, or those who have, or think they may have, a disability (mobility, sensory, health, psychological, learning, etc.) are invited to contact OSA for a confidential discussion. OSA is located in the Administration Building, AD 2.224 They can be reached by phone at 972-883-2098, or by email at studentaccess@utdallas.edu

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.