Course Syllabus

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Instructor:

Dr. Cinzia Muzzi

Phone: 408-864-5790 (I only receive messages at this number)

Synchronous Zoom Hours:

Sections 05Z and 06Z

Monday and Wednesday Lecture: 9:30 AM-11:20 AM

Section 05Z

Monday Lab: 11:30 AM-12:20 PM

Section 06Z

Wednesday Lab: 11:30 AM-12:20 PM

Office Hours/How to Contact me:

Zoom Office Hour

MW 8:30AM-9:30 AM , 1:30 PM-2:30 PM

There is a link for Zoom Office Hours found in each weekly module. Please use that link to join office hours. You will be placed in a waiting room initially and then be admitted to office hours one at a time.

Email

Outside of Office Hours I generally am able to answer emails within 24 hours Monday-Friday between 8:00AM-5:00PM. Emails sometimes may take up to 48 hours for a response if you email on a Tuesday or Thursday where I am in on-line class most of the day. Please note that I may not answer email on the weekends depending on time and internet availability.

Always use the **In Box** in the lefthand tool bar to send emails. When you communicate through the **In Box** I am sure to see your email. Otherwise your email potentially could be lost in the +75

emails I receive per day at my general email address. If for some reason you need to email me outside of Canvas, my email address is **muzzicinzia@fhda.edu (mailto:muzzicinzia@fhda.edu)**

Course Information:

This class is divided into two separate instructional periods: a **lecture period** devoted to the primary course material and a **lab period** for conducting lab experiments (which we will be doing on-line this quarter!). One registration code automatically enrolls you in both periods. Everyone will have the same lecture period, but a different lab period depending on which code you used for enrolling. **At De Anza College the lab and lecture cannot be taken as separate courses under any circumstances.**

Required Materials:

1. ***Introduction to Chemistry, 5th edition*** by ***Bauer, Birk, and Marks*** (McGraw-Hill). Directions for obtaining the electronic version of this book are found in the **Getting Started** module. ISBN: 9781307601633 ($30). You can also try to find a used version of the book on Amazon or any used book retailer.
2. A scientific calculator that has at least log and exponential functions is required (~ $25). Graphing calculators are fine also, but not required.
3. **Chem101 Subscription** ($19.95) This is an on-line homework system that we will be utilizing for the course. Directions for logging into and purchasing a subscription are found in the **Getting Started** module.
4. Any device that will allow you to browse the web and take photos, preferably a tablet or computer.
5. **Any App that will allow you to convert photos to pdf files. You must be able to do this efficiently and effectively!!!** See the end of the syllabus.
6. HOL Chemistry Kit. This kit will be ordered through the bookstore at the beginning of the third week of class. This kit is provided free of charge. Shipping both domestically and internationally is also free of charge.

Registration, Attendance, and Conduct Policy:

Registration: Enrollment in each section is strictly limited to 30 students per section. Class spaces are filled in accordance with the official class roster from Admission and Records, followed by the official wait list. Any errors with registration or status must be addressed directly to Admission and Records.

Attendance: Lecture and Lab will be provided via Zoom. Lecture and lab are offered synchronously, and attendance is expected during all lectures and all laboratory periods. While a there are synchronous components to the course, most assignments will be asynchronous (meaning you can complete them off line by the given deadlines).

Dropping the Course: If you choose to drop the course **at any point** during the quarter, it is **your** responsibility to withdraw from the course through MyPortal by the appropriate deadline.

Conduct: Students are also expected to abide by the Academic Integrity policy as outlined in the De Anza College catalog at all times. Students caught cheating or plagiarizing on any assignment will be expelled from the course and receive a grade of "F." If collusion between students to cheat can be demonstrated, each student will receive this same penalty.

Class Grade Format:

Grading and Exam Schedule (Exam dates are tentative):

- Lecture Exams (200 points) (The lowest exam score will be dropped) **400 pt**
- Final Exam **250 pt**
- Chem101 Quizzes (25 pt each) (lowest score will be dropped) **225 pt**
- Laboratory Reports (20 pt each)(Lowest score will be dropped) **140 pt**
- Lab Exam **65 pt**
- Total Possible Points : **1080 pt**

Grade Scale:

% of Total Points Possible	Grade
98-100	A+
92-97	A
89 - 91	A-
85 - 88	B +
82 - 84	B
79 - 81	B-
75 - 78	C +
68 - 74	C

64 - 67	D +
61 - 63	D
58 - 60	D-
less than 58%	F

Dr. Muzzi reserves the right to change exam and quiz dates as well as modify the grade scale at any point during the quarter.

Homework Assignments and Chem101 Quizzes

Students should plan to read 1.5-2 chapters per week. Homework from the textbook is assigned each week, but not collected. These assignments will be posted in each weeks module. You should complete these assignments before attempting the Chemitry101 Quizzes that are assigned each week. Chem101 Quizzes will be assigned each week through an on-line platform. These are quizzes (10-15 problems or so) meant for you to do a self-assessment after you complete the **end-of-chapter odd** homework problems. The Chem101 assignments ARE NOT COMPREHENSIVE. This means that they do not cover every topic or type of calculation that we will cover on an exam.

To do well on a Chem101 Quiz or Exam you should…

1. **Read** each chapter carefully before attending Zoom lecture. Not every detail will be covered in lecture, but you are still expected to understand the whole chapter.
2. Do the **odd-numbered practice problems** at the end of each chapter as assigned.
3. **DO NOT FALL BEHIND WITH THE READING OR HOMEWORK!!** This is the number one mistake you can make. Concepts in chemistry are like building blocks. Initially, you learn one topic to build up to larger concepts. If you are shaky on a topic early on, your whole foundation will be unstable. To avoid this, try to read ahead of the scheduled lecture topics and keep up with the homework.

Each Chem101 Quiz is worth 25 points and your lowest quiz score will be dropped. The quiz is timed and must be completed by the due date. Once the quiz has started, you must complete it in the allotted time (usually about 30 minutes). No late quizzes will be given. If you miss a quiz or have technical difficulty it will become your dropped score.

Lecture and Final Exams:

There are three lecture exams and one final exam. All are taken using Chem101. Material covered in lecture, in the assigned reading, end-of-chapter problems and on Chem101 Quizzes will be on the exam. Each lecture exam is worth 200 points. **Only your top two lecture exam scores will count as part of your overall course grade. No early, late, or make-up exams will be given**.

The final exam is **cumulative** and is worth 250 points. The final exam is **not** one of the exam scores that may be dropped out of your overall course score. **No early, late, or make-up final exams will be given.**

If you feel that any of your exams are graded incorrectly, you are always welcome to submit the exam for a **complete re-grade at the end of the lecture or laboratory period on the day the exam is reviewed.**

Laboratory

Students are expected to attend **all** laboratory sessions. This is a synchronous portion of the course. During your assigned lab time we will discuss the theory behind the experiments. You will have both dry labs (ones using worksheets and simulations), as well as wet labs that will require you to use the provided chemistry kits and the HOL platform.

If you have a medical emergency or some other emergency that prevents you from attending lab, you will be asked to supply written documentation in order for the absence to be excused. Be sure to contact the instructor as soon as possible if you miss a lab session.

Lab reports are worth 20 points each with the lowest score dropped.**No early, late, or make-up labs will be allowed.**

Laboratory Exam

There is one laboratory exam for this course worth 65 points. The laboratory exam will be given during your regularly assigned laboratory sessions at the end of the quarter. **No early, late or make-up lab exams will be given and all lab exam scores will count toward your overall course grade.**

Tentative Lecture and Exam Schedule:

See the Tentative Lecture and Exam Schedule in the Getting Started Module.

Be aware that Lecture exam and assignment dates may change depending on the timing of the material presented in lecture. The final exam date is set by the college and will not change.

Instructions for Converting Photos to pdf Files

There are numerous apps that allow you to convert a photo to a pdf file easily. Some are free and some are not. Pdf files are what you will be uploading to Canvas for the pre-lab assignments and laboratory reports. You may choose any app that fits your budget and privacy level. As with any App some collect information that you may or may not be willing to share. Examples of apps are **Adobe Scan, Cam Scanner, GeniusScan etc.**

If you have an **iPhone**, the **Notes App** will allow you to create pdf files.

1. Launch the Notes App.
2. Tap the New Note button in the lower right.
3. Hit the photo icon.
4. Choose Scan Documents from the list of pop ups.
5. Line up the document you wish to scan in the view.
6. You'll see a yellow rectangle over the document, and if you hold your iPhone or iPad steady, it should take the photo automatically. If not, you can press the shutter button.
7. The scan will move down to the lower left; you can tap it to see how it came out, and then press *Done* or *Retake* at the top of the screen. To make a single multi-page document, just keep taking scans of additional pages. When you're done, press the *Save* button in the lower-right, which will show how many pages you've scanned.
8. You can then press the share button in the upper left corner and email the pdf file to yourself or choose the Save to File and upload the document to Canvas by using the Canvas App.

Course Summary:

Date	Details	Due
Mon Jan 3, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=185995&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186017&include_contexts=course_23165)	11:30am to 12:30pm
	Academic Integrity Contract (https://deanza.instructure.com/courses/23165/assignments/674166)	due by 11:59pm

Date	Details	Due
Wed Jan 5, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=185996&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186028&include_contexts=course_23165)	11:30am to 12:30pm
Mon Jan 10, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=185997&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186018&include_contexts=course_23165)	11:30am to 12:30pm
Wed Jan 12, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=185998&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186029&include_contexts=course_23165)	11:30am to 12:30pm
Mon Jan 17, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=185999&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186019&include_contexts=course_23165)	11:30am to 12:30pm
Wed Jan 19, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186000&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186030&include_contexts=course_23165)	11:30am to 12:30pm
Sun Jan 23, 2022	Nomenclature (https://deanza.instructure.com/courses/23165/assignments/674195)	due by 11:59pm

Date	Details	Due
Mon Jan 24, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186001&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186020&include_contexts=course_23165)	11:30am to 12:30pm
Wed Jan 26, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186002&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186031&include_contexts=course_23165)	11:30am to 12:30pm
Mon Jan 31, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186003&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186021&include_contexts=course_23165)	11:30am to 12:30pm
Wed Feb 2, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186004&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186032&include_contexts=course_23165)	11:30am to 12:30pm
Mon Feb 7, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186005&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186022&include_contexts=course_23165)	11:30am to 12:30pm
Wed Feb 9, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186006&include_contexts=course_23165)	9:30am to 11:45am

Date	Details	Due
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186033&include_contexts=course_23165)	11:30am to 12:30pm
Mon Feb 14, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186007&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186023&include_contexts=course_23165)	11:30am to 12:30pm
Wed Feb 16, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186008&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186034&include_contexts=course_23165)	11:30am to 12:30pm
Mon Feb 21, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186009&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186024&include_contexts=course_23165)	11:30am to 12:30pm
Wed Feb 23, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186010&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186035&include_contexts=course_23165)	11:30am to 12:30pm
Mon Feb 28, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186011&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186025&include_contexts=course_23165)	11:30am to 12:30pm

Date	Details	Due
Wed Mar 2, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186012&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186036&include_contexts=course_23165)	11:30am to 12:30pm
Mon Mar 7, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186013&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186026&include_contexts=course_23165)	11:30am to 12:30pm
Wed Mar 9, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186014&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186037&include_contexts=course_23165)	11:30am to 12:30pm
Mon Mar 14, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186015&include_contexts=course_23165)	9:30am to 11:45am
	Monday Lab (https://deanza.instructure.com/calendar?event_id=186027&include_contexts=course_23165)	11:30am to 12:30pm
Wed Mar 16, 2022	Lecture 9:30AM-11:30AM (https://deanza.instructure.com/calendar?event_id=186016&include_contexts=course_23165)	9:30am to 11:45am
	Wednesday Lab (https://deanza.instructure.com/calendar?event_id=186038&include_contexts=course_23165)	11:30am to 12:30pm
	Chemical Reactions Lab Report (https://deanza.instructure.com/courses/23165/assignments/674167)	

Date	Details	Due
	Density Lab Report (https://deanza.instructure.com/courses/23165/assignments/674169)	
	Gas Laws Lab Report (https://deanza.instructure.com/courses/23165/assignments/674174)	
	Lab Final (https://deanza.instructure.com/courses/23165/assignments/674178)	
	Lab Safety Report (https://deanza.instructure.com/courses/23165/assignments/674179)	
	Measurements Lab Report (https://deanza.instructure.com/courses/23165/assignments/674180)	
	Stoichiometry Lab Report (https://deanza.instructure.com/courses/23165/assignments/674192)	

Student Learning Outcome(s):

*Assess the fundamental concepts of modern atomic and molecular theory.
*Evaluate the standard classes of chemical reactions.
*Demonstrate a fundamental understanding of mathematical concepts pertaining to chemical experimentation and calculations.