SDSU Chemistry 130 – Elementary Organic Chemistry
Course Syllabus
(Section 1002)

Lecture Information

Lecture: An Online Asynchronous Course (Six Weeks)
Start Date: July 5, 2023
End Date: August 14, 2023
Location: Everywhere and Anywhere 24/7

Instructor Information

Instructor: Alfred M. Aberle, PhD
Office: Geology, Math, and Computer Science building (GMCS) Room 213A (2nd floor)
Student hours: TBD (email to make an appointment to meet in-person or virtually)
Zoom ID: 979 118 9915
eMail: Aaberle@sdsu.edu (This is the best way to reach me). Please include **'Chem 130 Summer 2023 (S2)'** in the subject line when corresponding with me.

Course Description

This online course offers a comprehensive exploration of organic chemistry, specifically tailored to meet the requirements of students pursuing fields related to allied health and the environment. Spanning six weeks during SDSU Summer session two (S2), the course provides a solid foundation in organic chemistry and serves as a prerequisite for Chem 160 (Introductory Biochemistry).

Throughout the course, students will delve into the practical applications of organic chemistry in the context of biochemistry. Emphasis will be placed on understanding the three-dimensional shapes of molecules and their crucial role in influencing the activity of biological compounds. Additionally, the course will cover acid-base chemistry, an essential aspect for comprehending the principles of chemistry in the life sciences. Students will gain insights into the behavior of acids and bases in organic compounds and their significance in biological processes.

This is a fully online, asynchronous college-level chemistry course. As an asynchronous online course, students will have the flexibility to engage with the material at their own pace. Please be aware that this course is designed to cover the same content as a traditional one-semester course all within a six-week summer session. Thus, **the course content must be covered at a 2.5x faster pace**, meaning that you will need too dedicated significant time and effort each week to keep up with the accelerated curriculum. Students will have access to lecture videos, readings, interactive assignments, and assessments. Online discussion forums and virtual office hours will foster interaction with the instructor and peers.

Successful completion of this one-semester course will equip students with a solid understanding of organic chemistry's role in allied health and environmental sciences. By the end of the course, students will be prepared to advance to Chem 160 (Introductory Biochemistry) and explore the fascinating interplay between organic chemistry and biochemistry. **Students who take this course should fully understand the level of autonomy and self-motivation required to be successful.**

Requisites

Prerequisite: Chemistry 100 (or Chem 200) with a grade of "C" or better. If you have not taken Chem 100 (SDSU) or Chem 200 (SDSU), then you are not eligible to take this course. **Note**: other college chemistry courses may qualify as a prerequisite. Please contact me ASAP for eligibility.

Required Materials

Text: Introduction to Organic Chemistry by William H. Brown and Thomas Poon 6th ed. ***Recommended***: Students Solutions Manual to Accompany Introduction to Organic Chemistry by Brown, Poon, and Erickson (Wiley) 6th ed.

****** This is an Immediate Access Course:** All or a portion of the required course materials for this class are provided in a digital format by the first day of classes and are free through **the add/drop date of July 12, 2023**. Your SDSU student account will then be charged a special reduced price for use of the materials for the remainder of the semester unless you opt-out of the content by 11:59pm on July 12, 2023. Please visit www.shopaztecs.com/immediateaccess for additional information about this service, pricing, digital subscription duration, print add-ons, opting out and other frequently asked questions. ****

Digital Media: The WileyPLUS subscription to access electronic homework and course exams. The WileyPLUS accompanies the textbook purchase.

Model Kit: Prentice Hall Molecular Modeling Kit for Organic Chemistry (or comparable). **Recommended**.

Required Technology: Computer webcam (Zoom) and microphone for exams and office hours. NO smart phones.
For further details, please visit https://ces.sdsu.edu/sdsu-global-campus-it-support for online leaning at San Diego State University.

Online Resources: Your Canvas course shell. Make sure you can long into your Canvas course container. Make sure that you access it frequently in order to check for updates and announcements. Handouts will be posted to your Canvas course container.

Course Objectives (Student Learning Objectives) by chapter

Upon successful completion of the course the student will be able to:

Chapter 1 - Covalent bonding and Shapes of Molecules

1. Describe the electronic structure of atoms.
2. Use the Lewis model of bonding to describe the nature of a bond between 2 atoms
3. Use VSPER theory to predict the shape of simple organic molecules
4. Use the concepts in SLO 1.1-1.3 to identify polar and non-polar molecules
5. Understand the concept of 'resonance' and apply it to a better understanding of how a molecule truly exists (as compared to the Lewis Dot Structure)
6. Gain a basic understanding of hybridization and the orbital overlap model of bonding.
7. Be able to identify whether an atom is sp, sp^2, or sp^3 hybridized
8. Identify common functional groups

Chapter 2 - Acids and Bases

1. Identify Arrhenius, Bronsted-Lowry, and Lewis Acids and Bases
2. Understand the relationship between pK_a and acidity, and how pK_a is calculated.
3 Using pK_a data, predict the equilibrium of an Acid-Base reaction.
4. Identify conjugate acid-base pairs for Bronsted-Lowry acids and bases.
5. Relate position in periodic table to acidity.
6. Draw relationships between acidity and molecular structure

Chapter 3 - Alkanes and Cycloalkanes

1. Describe what an alkane is
2. Identify constitutional isomers of an alkane.
3. Name simple alkanes according to IUPAC Rules
4. Describe the different conformations of alkanes and cycloalkanes. Relate conformation to energy level
5. Draw the condensed and line-angle structural formulas and give the names for the cis-trans isomers of alkenes.

6. Understand the molecular properties and trends that lead to varying physical properties of alkanes.
7. Explain where many alkanes come from.

Chapter 4 - Alkenes and Alkynes:
1. Describe what alkenes and alkynes are. Describe their structures, shapes, and physical properties.
2. Name simple alkenes and alkynes according to IUPAC rules.

Chapter 5 - Reactions of alkenes and alkynes
1. Understand the concept of a reaction mechanism and how we denote electron movement via 'arrow pushing'
2. Understand the basic idea of electrophilic addition reactions to alkenes and alkynes.
3. Understand what a carbocation is and the factors that lead to carbocation stability trends.
4. Describe a Carbocation rearrangement.
5. Understand the basic idea behind the reduction of alkenes to alkanes, and alkynes to alkenes.

Chapter 6 - Chirality and the handedness of molecules
1. Understand the difference between isomers, stereoisomers, and enantiomers (non-superimposable mirror images). Draw a connection between molecular chirality and handedness.
2. Know what a stereocenter is, and how we designate conformations using 'R and S' nomenclature.
3. Describe how we deal with molecules with multiple stereocenters.
4. Describe the differences in physical properties between stereoisomers.
5. Understand the real-world consequences of chirality (e.g. thalidomide).

Chapter 7 - Haloalkanes
1. Name simple Haloalkanes using IUPAC rules and predict the physical properties of them using concepts previously learned in class.
2. Describe the products and mechanism of nucleophilic aliphatic substitution reactions (S_N1 and S_N2)
3. Understand the mechanistic differences between S_N1 and S_N2 reactions as well as the factors that will lead to each reaction.
4. Describe the products and mechanism of Elimination reactions (E1 and E2)
5. Understand the mechanistic differences between E1 and E2 reactions as well as the factors that will lead to each reaction.

Chapter 8 - Alcohols, ethers, and thiols
1. Name simple alcohols, ethers and thiols using IUPAC rules and understand the characteristic physical properties of each.
2. Understand the reactivities of alcohols, ethers and thiols.
3. Understand the basic properties of an epoxide (a special cyclic ether).

Chapter 9 - Benzene and its derivatives (Optional)
1. Understand the concept of aromaticity and be able to predict if a compound is aromatic.
2. Be able to name simple aromatics using IUPAC rules and predict their physical properties.
3. Understand the characteristic reactions of aromatics, particularly electrophilic aromatic substitution.
4. Understand the basic mechanism of electrophilic aromatic substitution and how substituents effect the reaction outcome

Chapter 10 -Amines
1. Understand the chemical and physical properties of amines and how to name simple amines using IUPAC Nomenclature
2. Understand the characteristic reactivities of amines (basic, generally good nucleophiles).

Chapter 11 – Skipped

Chapter 12 - Aldehydes and Ketones
1. Understand the chemical and physical properties of aldehydes and ketones and how to name simple aldehydes and ketones using IUPAC Nomenclature.
2. Understand the characteristic reactivity of ketones and aldehydes (electrophiles at the C-2 Carbon).
3. Describe the difference between adding a strong nucleophile (Grignard reagent) and a weak nucleophile (water) to an aldehyde and ketone.
4). Understand what acetals and ketals are and how they relate to carbohydrates.

Chapter 13 - Carboxylic acids

1. Understand the chemical and physical properties carboxylic acids and how to name them using IUPAC Nomenclature.
2. Understand the characteristic reactivity of carboxylic acids (The OH is acidic, the carbonyl carbon is somewhat electrophilic.

Chapter 14 - Functional derivatives of carboxylic acids (through 14.6)

1. Know the common derivatives of carboxylic acids and how to name them.
2. Understand the characteristic reactions of carbonyl derivatives (electrophiles at Carbonyl carbon)

Chapter 17 – Carbohydrates

1. Describe the difference between mono-, di-, oligo-, and polysaccharides and explain the classification system used to categorize monosaccharides.
2. Describe monosaccharides in their linear (Fischer projection), open and cyclic forms (Haworth projections)
3. Describe what distinguishes D- and L-monosaccharides. Identity between enantiomers, diastereomers and epimers
4. Define the term anomer and describe the difference between pyranoses and furanones and the difference between alpha and beta anomers. Explain what is meant by the term glycoside, glycosidic bond and mutarotation.
5. Describe the structure of the four common types of monosaccharide derivatives and their chemical reactions.

Chapter 18 – Amino Acids and Proteins

1. Identify and describe the structural components of amino acids, including the alpha-amino group (NH2), alpha-carboxyl group (COOH), and variable side chain (R-groups)
2. Identify and name each of the 20 common amino acids found in proteins, including their one-letter codes and full names.
3. Identify and classify amino acids based on their side chain properties, such as polar, nonpolar, acidic, basic, aromatic, and sulfur-containing.
4. Apply the R/S enantiomer nomenclature system to designate the configuration of chiral amino acids. Differentiate between L-amino acids and D-amino acids, understanding the prevalence of L-amino acids in protein structures.
5. Describe the ionization states of amino acids in solution, understanding the roles of the amino and carboxyl groups as weak bases and weak acids, respectively; grasp the concept of pKa values and their significance in determining ionization patterns.
6. Describe the concept of zwitterions (dipolar ions) and recognize the isoelectric point (pI) as the pH at which amino acids exist in their electrically neutral forms. They will understand how to calculate pI using pKa values.
7. Explain how electrophoresis can be used to separate and analyze amino acids or proteins based on their charge.
8. Explain the mechanism of peptide bond formation through condensation reactions between amino and carboxyl groups and describe the structure of the peptide bond and its importance in the stability and function of polypeptides.
9. Describe what is meant by and the structural features of the primary, secondary, tertiary, and quaternary structures in polypeptides and proteins (The four levels of protein structure).
10. Identify the factors influencing proper protein folding, including hydrophobic interactions, hydrogen bonds, disulfide bonds and electrostatic interactions.

Attendance and Withdrawal Policy

Student attendance will be measured based on active participation in the online asynchronous course conducted on Canvas (LMS). Active participation includes engaging in course discussions, completing assignments and quizzes, and interacting with course materials. To ensure accurate attendance records, the following methods will be used:

1. Discussion Forum Participation - Students are expected to actively contribute to the online discussion forums on Canvas. This includes posting thoughtful responses to discussion prompts, asking questions, and engaging in meaningful dialogue with classmates. To meet the attendance requirement, students should aim to make a minimum of two substantial contributions per week to the discussion forums. Quality over

quantity is emphasized, and students are encouraged to provide well-reasoned arguments or reflections in their responses.

2. Assignment Completion - Timely completion of assignments on Canvas is crucial for demonstrating active participation. Students are required to submit all assigned coursework within the specified deadlines through the designated Canvas submission portals. Late submissions or incomplete assignments may result in deductions from attendance records. Regular and punctual submission of assignments will be considered as evidence of attendance.

3. Evidence of Attendance - Mere logins or page views on Canvas will not be considered as sufficient evidence of attendance. It is essential for students to actively participate in the course through meaningful engagement and submission of coursework. For discussion forums, attendance will be evaluated based on the frequency, depth, and quality of participation. In the case of assignments, consistent and timely completion will be considered as evidence of attendance.

It is the student's responsibility to add, drop, or withdraw from classes before the deadlines stated in the class schedule. Petitions to add, drop, or withdraw after the deadline will not be approved without proof of circumstances beyond the student's control which made him/her unable to meet the deadline. Lack of money to pay fees is not considered an extenuating circumstance. Students anticipating difficulty in paying fees before the add deadline should check with the Financial Aid Office about sources of funds or other alternatives for which they may be eligible. A grade of incomplete will be given only upon verification of extenuating circumstances and only after a formal written request for this grade is made by the student.

Important Dates (Summer Session II 2023)

- First day of Instruction: July 5
- Last day for Add codes: July 13
- Last day to opt-out of Immediate Access or Equitable Access: July 12
- Last day to file a petition for changing grading basis: July 13
- Last day to drop without a "W": July 4
- Final examination (Last Day of Summer Session S2): August 14
- Grades due form Instructor (Last Day of Summer Term): August 16

EVALUATION

Item	Points	Dates (Tentative)
Exams	750 pts (250 pts. each; none dropped)	(7/19, 8/2, 8/14)
Chapter Problem Sets	130 pts. (Best 13 out of 14 assignments x 10 pts.)	Weekly due dates set in Canvas
Lecture Participation	112 pts	Weekly due dates set in Canvas
Discussion Board	60 pts	Weekly due dates set in Canvas
Weekly Lecture Notes	60 pts	Weekly due dates set in Canvas

Those enrolled at the end of the semester must receive a letter grade unless they have chosen the Pass/No Pass option.

A (>88%), B (87-78%), C (77-65%), D (64-55%), and F < 55%

Your letter grade will be determined by your individual points total for the course. **There will be no curving of the course grades.** Above is a tentative grade range breakdown. The instructor reserves the right to modify this grade scale prior to assigning final letter grades. **Make sure to check your grades frequently.**

Chem 130 Grade Scheme (Summer 2023)

Item	Submission	Quantity	Value (each)	Total	Percentage
Exams	WileyPlys	3	250pts	750	67.5%
Chapter Problem Sets	WileyPlus	13	10pts	130	11.7%
Lecture Participation	Canvas	14 Chapter Lecture Videos	8pts	112	10.0%
Discussion Board	Canvas	6 Weekly Discussion Boards	10pts	60	5.4%
Weekly Lecture Notes	Canvas	6 Weekly Lecture Notes	10pts	60	5.4%
			TOTAL	**1112pts**	**100.0%**

CHAPTER PROBLEM SETS - Homework will be graded on a ten (10) point basis using the online WileyPLUS homework software. **The due dates for the homework will be set in Canvas**. DO THE HOMEWORK AS WE PROCEED THROUGH EACH CHAPTERS! There are fourteen (14) homework assignments and the best thirteen (13) will count towards your final grade. The final homework grade will be ~ 12.8% of the total grade in the class. The lowest homework assignment grade will be dropped. Tentative due dates for homework are posted in CANVAS.

EXAMS - There will be three (3) exams this semester. Please note that there will be no cumulative final exam. The third midterm will be administered on the scheduled final day of the course. Exams will be online asynchronous and administered by WileyPlus and accessed through Canvas. Each exam will have a duration of 120 minutes (2 hours). To provide flexibility, students will have a 12-hour window to complete each exam (8:00am until 8:00pm). There will be no make-up exams, except in the case of appropriately documented medical absences. In the event you miss an exam or know that you will be missing an exam, contact me ASAP! The use of any disallowed materials-references of communication with anyone other than the instructor during an exam will be construed as dishonest academic conduct. The instructor reserves the right to make exceptions to this policy at his/her discretion.

To ensure the integrity of the exams, students will use Zoom to record their entire exam session as per the provided proctoring guidelines. Students must provide proof of taking the exam, such as by submitting the recording to the Zoom Cloud or providing a timestamped screenshot. Detailed instructions on how to record the exam using Zoom and upload the recordings to the Zoom Cloud will be provided prior to each exam. See the lecture schedule for the tentative midterm dates.

All exams will be open book and open notes; however, each exam will cover a substantial amount of material. Collaboration between students during exams is strictly prohibited. Therefore, students are strongly encouraged to be well-prepared and organized for each exam. These exams are a mandatory component of the course and will be administered as per the provided schedule. Please note that none of the midterms will be dropped. Your performance in these exams will significantly contribute to your overall course grade.

No bathroom breaks during an exam. If you leave the room, then I will reserve the right to end your exam and consider that you have finished the exam.

Discussion Board – For every chapter or sections of a chapter there will be a discussion forum for you to ask classmates questions, answer classmates' questions, or ask me questions on topics from lecture. For each week, you must participate (by posting) a minimum 3 times is the discussion forum to receive full credit: either by answering another student's questions or ask a question for other students or the instructor to answer.
This assignment is due on Sunday at 11:59pm.

Weekly Lecture Notes – Every week you will upload your hand-written lecture notes on the lecture for the week and upload to the designated assignment on Canvas as PDF (Electronic handwritten notes are also accepted). Notes must be well organized, neat, and complete. Each submission is worth a maximum of ten (10) points. **This assignment is due on Sunday at 11:59pm**.

Lecture Participation - Lectures are pre-recorded videos with embedded questions that you will need to attempt. These questions are to test if you understood the material in the lecture. On Mondays I will adjust the grade to full credit for those who attempted all problems in the lecture video. **This assignment is due on Sunday at 11:59pm**

Online Assignment Policies – **The deadlines for the online assignments are hard deadlines and extensions will not be granted.** All assignments will be scheduled with sufficient time to allow you to complete the assignment in advance of the 'last minute'. You are solely responsible for nay failures to complete the assignment by the scheduled time. Problems such as lack of internet service will not be acceptable reasons for not completing the assignments. You are encouraged to complete the assignments well before the deadlines to avoid potential technology obstacles. If you have any personal technology issues the Library Computing Hub provides computing and technical support for students.
Technology - Provided in your Canvas shell will be a video on the homepage about the layout of the course and this is where you should start. I highly recommend you watch the video and take notes so you will not be lost in this course.

Exams - Attendance for all exams is required. Proper documentation is required to avoid receiving a grade of zero on a missed course component a week into the semester (by 7/14/23). There will no makeup exams outside of extenuating circumstances (e.g., illness during the 12-hour exam period). The student is responsible to be available for the online exams and to have the proper internet access and bandwidth.

> **NOTE -** Excused absences for exams will only be awarded in the cases of a legitimate reasons (illness, scheduled academic/athletic events, court appearances, etc.) as determined by the instructor and will require support documentation. If you are on a sport team, we will need to have your travel letter no later than (7/14/23)

Only under exceptional circumstances, as determined by the instructor, will a makeup exam be granted for the final exam.

Medical Absences

If you must miss class due to illness, injury, or emergency, then please note the policies below:

- University policy instructs students to contact their professor/instructor/coach in the event they need to miss class due to an illness, injury, or emergency. All decisions about the impact of an absence, as well as any arrangements for making up work, rest with the instructors. Please see the above Attendance policy.
- Any student who misses class because of COVID-19, either because they have been diagnosed and are quarantined or are required to isolate and would like to request a class excuse letter, the student should send an email to vpsafrontdesk@sdsu.edu to notify the university. Student Affairs and Campus Diversity will initiate the process for absent letters to be sent to course instructors, Assistant Deans, and the provost. Medical documentation may be required prior to the letter being issued.

- Student Health Services (SHS) does not provide medical excuses for short-term absences due to illness or injury. When a medical-related absence persists beyond five days, SHS will work with students to provide appropriate documentation.
- When a student is hospitalized or has a serious, ongoing illness or injury, SHS will, at the student's request and with the student's consent, communicate with the student's instructors via the Vice President for Student Affairs and Campus Diversity and may communicate with the student's Assistant Dean and/or the Student Ability Success Center.

Test accommodations -If you are a student with a disability and need accommodations for this class, please contact Student Ability Success Center at sascinfo@sdsu.edu (or go to sdsu.edu/sasc) as soon as possible. Please know accommodations are not retroactive, and I cannot provide accommodations based upon disability until I have received an accommodation letter from Student Ability Success Center. SASC registration and accommodation approvals may take up to 10-14 business days, so please plan accordingly.

SDSU Email

Students are provided with an SDSU Gmail account, and this SDSU email address will be used for all communications. Per University Senate policy, students are responsible for checking their official university email once per day during the academic term. For more information, please see Student Official Email Address Use Policy.

General Policies

1. Evaluation will be in the form of exams, homework, discussion board participation and lecture notes.
2. There is **no make-up** for any assignments without a medical document or pre-arrangements with the instructor.
3. Tentative dates of all exams and homework are provided on the schedule found in the syllabus and in Canvas.
4. Students must demonstrate active participation during the course**.**
5. Students must always do and show their own work for all problems involving calculations to receive full credit.

Student Success

1. In general, you can expect to put in at least two hours of your own time for each hour of lecture. That is a commitment of 6 hours per week of study/homework time.
2. Use your text. Ideally you would skim the material before lecture and then read it in more detail later. Your text is a great resource to use when trying to solve homework questions, study for exams, etc..
3. Take Notes. Take lecture notes and supplement them from you text. Summarize them right after lecture while the information is fresh in your minds.
4. Form Study Groups. This is the best way to learn, everyone sees things differently. What you may understand your classmates might not and vice versa.
5. Keep up. Getting behind in class is very dangerous. Chemistry builds on the information that is learned; therefore, if you fall behind you will not be able to understand the new material being learned.
6. Do the Homework. It is points to help buffer your grade and it helps to prepare you for the exams. It is very hard to do well in this course if you do not complete your homework.
7. Ask Questions. If you do not understand something, please ask. There are no bad questions. If you are stuck on a homework problem, etc. ask.
8. Quality Sleeping Habits – **This might be the most important thing you can do for yourself.** Sleeping allows our brains to store information from short-term (working) memory into long-term memory for later retrieval. Sleeping before, during or after studying is imperative in order that the brain can sort, process and store information for future recall. The result of not sleeping is equivalent to being mildly drunk. You will be slower, have a hard time focusing, and be more prone to sickness. Ultimately, your working memory will suffer along with your reasoning skills. Long story short……. Sleeping is extremely important!

Classroom Behavior and Student Code of Conduct

Students are expected to adhere to the student code of conduct at all times. The student Code of Conduct can be found in 41301, Title 5, California code of Regulations, Student Rights, Responsibilities and Administrative Due Process posted on the website at: https://sacd.sdsu.edu/student-rights/student-conduct

Students who violate the Student Code of Conduct may be removed from class by the faculty for the class meeting in which the behavior occurred, and the next class meeting. Acceptance of make-up work during the removal will not be accepted. Incidents involving removal of a student from class will be reported to the college disciplinary officer for follow up.

Cheating of any form is unacceptable and is grounds for removal from class. Cheating is defined as copying or discussing test questions during an exam. Cheating on an exam and quiz will result in a zero on that paper and may result in failing the course. Cell phones must be turned off and put away during exams. If a student is caught using his or her cell phone during an exam and quiz, they will receive a zero for that assessment assignment. The zero remains! This includes but is not limited to cheating or any academic dishonesty. Cheating will not be tolerated, so don't cheat.

Mutual respect of all persons in the class is essential to a productive learning environment. Accordingly, I will not tolerate hate speech of any kind, derogatory remarks about your fellow classmates, and derisive tones and sounds. These articulations are unacceptable. Students must feel safe in class in order to learn effectively. I reserve the right to ask any student to leave the classroom if I determine that (he/she/ze/they) are impairing the learning environment in any way. My goal is to ensure that everyone is a valued member of the classroom learning environment. Colleges and universities in the United States are mandated by federal and state laws to provide environments that promote academic and personal development for all students.

Respect for Diversity

I intend that students from all diverse backgrounds and perspectives be well served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength and benefit. I, also, intend to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture. Your suggestions are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups.

In addition, if any of our class meetings conflict with your religious events, please let me know so that we can make arrangements for you.

Please visit SDSU Global Campus Diversity Statement on the websites:

- https://ces.sdsu.edu/about/diversity-statement
- https://ces.sdsu.edu/sites/default/files/sdsu_global_campus-diversity_inclusion_plan.pdf

Preferred Name & Preferred Gender Pronouns

Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender, gender variance, and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records.

Sexual Misconduct

Title IX makes it clear that violence and harassment based on sex and gender (which Includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status or genetic information.

If you or someone you know has been harassed or assaulted, you are encouraged to report it to the Title IX Coordinator Gail Mendez at gmmendez@sdsu.edu (619) 594-6464 who will contact you to let you know about support services at SDSU and possibilities for holding accountable sexual violence victim advocate (619 594-0210) (website: https://titleix.sdsu.edu/ or Counseling and Psychological Services (619 594-5220) and visit the (website at https://sacd.sdsu.edu/cps

To report to the police, contact the **San Diego State University Campus Police (619) 594-1991 or 911 for any emergency.** Visit website: https://police.sdsu.edu/

Americans with Disabilities Act (ADA)

- Any student with any disability should discuss this with me during the first two weeks of class so we can make accommodations to enhance the learning process. All information will be kept confidential. I will do everything that I can to make the class workable for you.
- Please allow 10 – 14 days for this process
- Students that need evacuation assistance during campus emergencies should also meet with the instructor as soon as possible to assure the health and safety of all students.
- For more information, you may contact the DSPS Office on your campus or the website: www.sdsu.edu/sasc

Wellness Statement

Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a student's ability to succeed and thrive at SDSU. For helpful resources contact Well-being & Health Promotion located Calpulli Center, 3rd floor Suite 3201 (619) 594-4133. Visit the website: https://sacd.sdsu.edu/health-promotion/about-us/contact-us Please also let me know if you need any additional support in this class for any reason. Also see the Division of Student Affairs and Campus Diversity website: https://sacd.sdsu.edu/ for a complete directory of student support services at SDSU.

Veteran Services

If you are a student veteran, SDSU offers the Joan and Art Barron Veterans Center, Student Services West 1661 (619) 594-5813 for support services. Please visit their website https://arweb.sdsu.edu/es/veterans/ for more information about what support they offer, a list of ongoing events and links to outside resources. Please also let me know if you need any additional support in this class for any reason.

Math & Stats Learning Center and Writing Center for Tutoring services

Free Math and Science Tutoring is available on the 3rd floor of the Love Library in room LL 328. The hours of operation can be found at: https://mslc.sdsu.edu/ Also visit the library website: https://library.sdsu.edu/help-services/tutoring

Academic Honesty

The university adheres to a strict policy regarding cheating and plagiarism. These activities will not be tolerated in this class. Please become familiar with San Diego State University policies https://catalog.sdsu.edu/content.php?catoid=5&navoid=385

Any cheating or plagiarism will result in a failing course grade this class and a disciplinary review by Student Affairs.

Examples of Plagiarism include but are not limited to:

- Using sources verbatim or paraphrasing without giving proper attribution (this can include phrases, sentences, paragraphs and/or pages of work)
- Copying, in part of in whole, for another's test or other examination
- Copying and pasting work from an online or offline source directly and calling it your own
- Using information, you find from an online or offline source without giving the author credit
- Replacing words or phrases from another source and inserting your own words or phrases
- Submitting a piece of work you did in another course, if contrary to the policies of the course

- Altering or interfering with grading procedures
- Assisting another student in any of the above

If you have questions on what is plagiarism, please consult the SDSU Center for Student Rights and Responsibilities website policy: https://sacd.sdsu.edu/student-rights/academic-dishonesty/cheating-and-plagiarism

SDSU Economic Crisis Response Team

If you or a friend are experiencing food or housing insecurity, technology concerns, or any unforeseen financial crisis, it is easy to get help! Visit www.sdsu.edu/ecrt for more information or to submit a request for assistance. SDSU's Economic Crisis Response Team (ECRT) aims to bridge the gap in resources for students experiencing immediate food, housing, or unforeseen financial crises that impacts student success. Using a holistic approach to well-being, ECRT supports students through crisis by leveraging a campus-wide collaboration that utilizes on and off-campus partnerships and provides direct referrals based on each student's unique circumstances. ECRT empowers students to identify and access long term, sustainable solutions to successfully graduate from SDSU. Within 24 to 72 hours of submitting a referral, students are contacted by the ECRT Coordinator and are quickly connected to the appropriate resources and services.

For students who need assistance accessing technology for their classes, visit our ECRT website (www.sdsu.edu/ecrt) to connect with the SDSU library's technology checkout program. The technology checkout program is available to both SDSU and Imperial Valley students.

Land Acknowledgement

For millennia, the Kumeyaay people have been a part of this land. This land has nourished, healed, protected, and embraced them for many generations in a relationship of balance and harmony. As members of the San Diego State University community, we acknowledge this legacy. We promote this balance and harmony. We find inspiration from this land, the land of the Kumeyaay.

Syllabus Disclaimer

The course syllabus should be viewed as an educational contract between the instructor and students. Every effort will be made to avoid changing the course schedule, but the possibility exists that unforeseen events will make syllabus changes necessary. ***The instructor reserves the right to make changes to the syllabus as deemed necessary.*** Students will be notified in a timely manner of any changes via email and the course announcements. **Please check your Canvas course page for announcements as well as your SDSU email account often.**

Course Overview				
Module	**Module Dates**	**Textbook Chapters**	**WileyPlus Problem Sets**	**Lecture Notes**
Module One (M1)	July 5 – July 9	Chapters 1, 2	**Due: July 9th at 11.59pm**	**Due: July 9th at 11:59pm**
Module Two (M2)	July 10 – July 16	Chapters 3, 4, 5	**Due: July 16th at 11:59pm**	**Due: July 16th at 11:59pm**
Module Three (M3)	July 17 – July 23	Chapter 6, 7	**Due: July 23rd at 11:59pm**	**Due: July 23rd at 11:59pm**
	Exam One - Wednesday 19th **The online exam will be posted for 12 hours (8am – 8pm)** **(Chapters 1, 2, 3, 4, 5)**			
Module Four (M4)	July 24 – July 30	Chapters 8, 10	**Due: July 30th at 11:59pm**	**Due: July 30th at 11:59pm**
Module Five (M5)	July 31 – Aug. 6	Chapters 12, 13, 14	**Due: Aug 6th at 11:59pm**	**Due: Aug 6th at 11:59pm**
	Exam Two – Wednesday August 2nd **The online exam will be posted for 12 hours (8am – 8pm)** **(Chapters 6, 7, 8, 10)**			
Module Six (M6)	Aug. 7 – Aug. 14	Chapter 17, 18	**Due: Aug 14th at 11:59pm**	**Due: Aug 14th at 11:59pm**
	Exam Three – Monday August 14th (Last Day of Instruction) **The online exam will be posted for 12 hours (8am – 8pm)** **(Chapters 12, 13, 14, 17, 18)**			