CHM 11600 - General Chemistry II
CRN: 10830
Lecture: M, T, W, Th
Recitation: M and W
Laboratory: T and Th
Credit Hours: 4.00
Prerequisites: https://selfservice.mypurdue.purdue.edu/prod/bwckschd.p_disp_detail_sched?term_in=202030&crn_in=10830

Instructor: Dr. Khadija Jawad
kjawad@purdue.edu

Virtual Office Hours via Microsoft Teams: M, T, W: 9:30 AM - 10:30 AM
TA Supervisor: Robert Compton (rcompton@purdue.edu). Robert supervises the lab teaching assistants. He can assist you with course materials.

Virtual TA Office Hours via Microsoft Teams:
Patrick Chaffin: T and Th - 4:30 p.m. - 5:30 p.m.
Robert Compton: T and Th - 12:30 p.m. - 1:30 p.m.
Jennifer Garcia: W - 2:30 p.m. - 4:30 p.m.
Abhijith Anil Kumar: T - 10:30 a.m. - 12:30 p.m.
Camille Love: W - 10:30 a.m. - 12:30 p.m.

Course Description: A continuation of CHM 11500 (General Chemistry I). Solutions; quantitative equilibria in aqueous solution; introductory thermodynamics; oxidation-reduction and electrochemistry; chemical kinetics; qualitative analysis; further descriptive chemistry of metals and nonmetals.

Learning Outcomes:
By the end of the course, you will be able to:

1. Use theory to understand/predict experimental observations.
2. Demonstrate an understanding of the physical properties and a molecular understanding of chemical reactivity and materials.
3. Document scientific information and experimental data and write scientific reports, with graphical presentation of data.

General Chemistry Office, BRWN 1144, 765-494-5250 The General Chemistry office handles ALL the administrative (non-chemistry) details associated with the course. Until we are back to face-to-face interaction, please send an email to Melissa Roadruck (melissa@purdue.edu), or Marlene Miller (marlenem@purdue.edu), to get grade checks, discuss exam conflicts, get clarification on course policies, resolve grade issues, to change your schedule (weeks 2 and 3), and to get signatures on university forms such as add/drop forms. We will work to do our best to help you with a variety of requests so you can maximize your success in general chemistry.
In CHM 11600, General Chemistry II, the following topics will be covered:

- Chemical kinetics, and the quantitative application of kinetics concepts to understand the factors that determine the rate of a reaction under specified conditions.
- Chemical equilibria, including gas phase reactions and acid-base reactions; and the application of quantitative equilibrium concepts to selected chemical reactions.
- Electrochemical equilibria, voltaic cells, and the prediction of the potentials and energy changes associated with reactions in these cells.
- The quantitative relationships between quantities in thermodynamics, electrochemistry, and equilibria to understand the factors that determine the extent of a reaction under specified conditions.

Course Information: Brightspace - https://purdue.brightspace.com/d2l/login, and Microsoft Teams. Lecture outlines, reading assignments, announcements, and other course information are available on the course Brightspace page and Microsoft Teams. We recommended you visit one, or both of them often.

Foundational Core: This course meets the science requirement of Purdue University's foundational core curriculum. Learning Objectives will be provided in lecture and on Brightspace.

Purdue’s Honor Pledge
“As a Boilermaker pursuing academic excellence, I pledge to be honest and true in all that I do. Accountable together - we are Purdue.” (https://www.purdue.edu/provost/teachinglearning/honor-pledge.html)

Mental Health
If you’re struggling and need mental health services: Purdue University is committed to advancing the mental health and well-being of its students. If you or someone you know is feeling overwhelmed, depressed, and/or in need of mental health support, services are available. For help, such individuals should contact Counseling and Psychological Services (CAPS) at 765-494-6995 and http://www.purdue.edu/caps/ during and after hours, on weekends and holidays, or by going to the CAPS office of the second floor of the Purdue University Student Health Center (PUSH) during business hours.

If you find yourself beginning to feel some stress, anxiety and/or feeling slightly overwhelmed, try WellTrack, https://purdue.welltrack.com/. Sign in and find information and tools at your fingertips, available to you at any time.

If you need support and information about options and resources, please see the Office of the Dean of Students, http://www.purdue.edu/odos, for drop-in hours (M-F, 8 am – 5 pm).

Diversity Statement
We believe every student in this course has something of value to contribute. Please take care to respect the different experiences, beliefs and values expressed by students and staff involved in this course. We support Purdue's commitment to diversity, and welcome individuals of all ages, backgrounds, citizenships, countries of origin, disabilities, education, ethnicities, family status, genders, military experiences, political views, races, religions, sexual orientations, socioeconomic status, and work experiences. See: http://www.purdue.edu/diversity-inclusion/
Emergencies

In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor’s control. Relevant changes to CHM 11600 will be posted on the course Brightspace site, and Microsoft Teams.

You are expected to read your @purdue.edu email on a frequent basis.

Required Course Materials


Sapling Online Homework: In CHM 11600, you are required to complete homework assignments online using the Sapling program. You can purchase instant access via the link on Brightspace or you can purchase a code from a local bookstore that you can then redeem via the link on Brightspace.

Lab Manual: Lab worksheets will be posted to Microsoft Teams for student use and submission.

Calculator: A simple battery operated scientific calculator with exponential, logarithm and square root functions is needed for exams and quizzes. You are NOT allowed to use alpha-numeric, graphing and/or programmable calculators for exams or quizzes. (Two-line non-programmable calculators are allowed.)

Week #1 Assignments:

- Purchase required materials including Sapling (see above).
- Complete the first homework assignment (June 22).
- Watch the lecture recordings and complete the recitation exercise(s).
- Read all the information in this course packet.
- Read the textbook reading assignment, usually assigned in lecture and posted on Brightspace.

Weekly Assignments:

- Watch lecture recordings, complete recitation and lab exercises.
- Do the reading assignment for lecture (see pages 12 and 13 of this Course Packet).
- Complete your Sapling homework assignment(s).
- Prepare for lab: read the relevant lab manual chapter, do the textbook reading assignment for lab, and complete the pre-lab exercises including the lab procedure outline.
- Work on optional Extra Credit assignments (in Sapling).
- Refer to the course schedule on pages 12 and 13.
- Complete prelab quizzes, due on Tuesdays and Thursdays when there is lab.
- Complete course quizzes, due on Fridays unless otherwise noted.
Overview of CHM 11600 Activities and Policies

How to Study for CHM 11600  (written by Dr. John Nash and Dr. Marcy Towns)

It will take you at least two hours out of class for every hour we spend in class in order to study and learn the material. This means about 16-24 hours of distraction-free studying and working with chemistry outside of class each week. You may spend this time working on your lecture notes, reading the text, studying the required material, doing homework, studying for exams, or other things. You may find yourself spending more than 16-24 hours per week if your math skills need improvement or if it has been a few years since you took a chemistry course. If you are committed to your goals and dreams, then dedicate yourself to spending the necessary time to study and do well.

Before Class

• Review your notes from the previous class.
• Review the assigned reading and read the sample problems within the assigned section of the textbook.

Use the textbook in ways that work best for you.

• Use the textbook as a reference when you study your lecture notes. Fill in any gaps and correct any information.
• Processing technical information will be more effective in the absence of Netflix, TVs, radios, headphones, etc. Turn your phone on silent and set it aside.
• With technical material, the subheadings often carry important information. This is different from the chapter headings in a novel that usually contain no information.
• Read technical material (like your Chemistry textbook) differently than you would read a novel. Read in short "chunks" and give yourself time to reflect and interpret the information presented. With technical material, it is often difficult to pick up the "story" in the second paragraph if you did not process the first paragraph.
• Try the problems in the book without looking at the solutions! If you have understood what you have read, then you should be able to do the problems. First, cover the solution and try the problem. Second, quickly look at the answer to see if you are correct. If your answer is incorrect, try re-reading the section to see if you missed anything. Third, look at your work again to find your mistake. Fourth, look at the solution of the problem presented in the book. The key is to force yourself to recall and apply material.

During Class

• Take notes!
• Write down each step of every problem or example even if you do not understand the step. You can always ask about it later.
• Try to answer all the questions and work all the problems that the professor presents.
• Write a question mark next to things you don't understand so you can return to them after class.
• Use shorthand or abbreviations so that you can write quickly, but understandably.
• Periodically note the time in the margin so that you can quickly find a certain section of the lecture when you review the lecture.
• Turn off distractions (i.e. Netflix, other HW, social media, etc.).
After Class

- Review your notes while things are still fresh in your mind.
- Attend instructor office hours to ask questions and get help.
- Never miss lecture. Chemistry is cumulative. What is presented tomorrow depends upon your knowledge of what was covered today.

When Should I do the Homework?

- Do some work in chemistry every day. Work at least two chemistry problems each day. If you are drawing a blank about the problem after 5-10 minutes, go on to another a problem. Seek help from the course instructor, or TAs during office hours. After a day or so, work related problems in the textbook.
- Review your class notes and the assigned pages in the textbook before you attempt any of your homework problems.

Practice, Practice, Practice

- Work additional problems at the end of each chapter that were not assigned as homework.
- Look for similarities and differences in problems (homework questions, lecture examples). Classify problems by the type of knowledge that is needed to solve the problem.

Sources of Help

There are several free sources of help for CHM 11600 students, including professor office hours, TA office hours, and Supplemental Instruction (SI) help sessions. Find more information in the “Resources” folder on Brightspace.

Reading Assignments and Learning Objectives

- Reading assignments will be provided in lecture and/or posted on Brightspace and Microsoft Teams. They are also posted in the course packet on pages 12 and 13. Reading the assigned material prior to lecture and laboratory is recommended. Some of the material will be covered in lecture and some on your own.

- Learning Objectives list the concepts you are expected to understand and the skills (calculations) you are expected to demonstrate for each topic covered in the course. Exam questions are based on the Learning Objectives.

Recitation

- Your course instructor will facilitate recitation two times a week designed to help you understand laboratories and to discuss any questions you may have from lecture or the homework. You will have time to ask questions and check your homework and pre-lab answers so take your homework questions and lab manual with you to recitation.

- You will have the chance in every recitation to ask questions about homework, lab, exams, and lecture. It is not your TA’s role to provide you with answers to homework or prelab questions. Rather, they are expected to guide you to the correct solutions, help you identify mistakes, and add details to help you further understand concepts.
Lectures
- Lecture is integral to learning the material presented.
- If slides are used, then student versions of lecture slides may be posted on Brightspace. These are outlines of the lectures and are not a substitute for taking notes in lecture.
- Cell phones, computers, iPods or other electronic devices *not being used for instruction purposes* are distracting for everyone in a learning situation. Computers can be used to take notes and follow lecture. But you should refrain from using Facebook, TikTok, Twitter, texting, surfing the internet, watching Netflix, etc. while watching the lectures.

Homework (Sapling)
- Each week you will have one homework assignment, usually due on Mondays at 11:59 PM. All links and due dates are in the Homework folder on Brightspace.
- You will have five attempts for each Sapling question in an assignment. There is no penalty for failed attempts.
- Each homework assignment is worth 25 points. The one lowest homework score will be dropped at the end of the semester.
- No time extensions are possible for any homework assignments. Allow plenty of time to do your homework and get the highest possible score. If you wait until the last minute, you risk the possibility of technical difficulties, illness, or other situations interfering with your success.
- Exams are likely to include questions taken from homework assignments.
- For help with technical issues, contact Sapling customer service at 1-800-936-6899 or use the online form at [https://macmillan.force.com/macmillanlearning/s/contactsupport](https://macmillan.force.com/macmillanlearning/s/contactsupport). Chrome is the recommended browser for Sapling.

Laboratory
Laboratory exercises are an integral part of CHM 11600. Learning objectives for laboratory work are posted on Brightspace and Microsoft Teams.

Laboratory Attendance and Participation
- There are no make-up labs or excused absences, except those covered by the GAPS and MAPS policies. Completing and submitting lab reports is required since CHM 11600 is a laboratory course.
- You are required to complete 6 of the 8 scheduled lab projects to pass the course. If you fail to complete *more than 2* lab projects, an automatic grade of “F” will be assigned for the course at the end of the semester.

A failure to complete (zero score) will be assigned in the following cases:
- being absent for any reason (except GAPS/MAPS approved absences)
- not completing the lab project and/or report
- failure to submit a lab report.
Lab Preparation
- Before lab, read the experiment and attend recitation to help you prepare.
- Complete the pre-lab questions posted on Brightspace. These exercises are designed to help you prepare for the lab and the pre-lab quiz. The pre-lab questions are not collected or graded.

Prelab Quizzes
There will be a quiz based on the lab procedure and the prelab questions before each lab. The purpose of these quizzes is to ensure that you are prepared for lab.

- Prelab quizzes are completed online through Brightspace. Prelab quizzes are due at 12:00 p.m. (NOON) EDT, every Tuesday and/or Thursday there is a scheduled lab. Refer to the Lecture/Lab Schedule Table (pages 12 and 13) for specific dates.
- Prelab quizzes 1, 2, 4, 5, 7, and 8 will consist of 5 questions worth 2 points each (10 points total for each quiz). Prelab quizzes 3 and 6 will consist of 10 questions worth 1 point each (10 points total for each quiz).
- It is recommended that you have your written answers to the prelab questions and a summary of the procedure, along with scrap paper, pencil and calculator, available before you begin the quiz.
- You have one, timed (10 minute) attempt for each quiz. The quiz will automatically submit after 10 minutes. Do not click “Begin” until you are ready to take the quiz because you cannot pause, exit, cancel, resume later, etc.
- For the best chance of success on the prelab quizzes, you need to ensure you have a strong, stable connection to the Internet. A hard-wired connection to the internet is better than Wi-Fi. If Wi-Fi is the only option, you need to check the signal strength and ideally shut down any other programs that are using the Internet (such as streaming audio, mail programs, etc.).
- Quizzes are individual assignments. Collaboration with other students during the quiz is not allowed. (However, you are encouraged to work together in advance to complete the prelab questions.)
- There are no make-up quizzes or time extensions. The lowest prelab quiz score is dropped at the end of the semester to account for illnesses, technical difficulties and other situations.
- If you do not attempt the quiz before the time it is due, you will receive a zero for the quiz (out of 10 points). However, you can still earn points for the lab report portion of the grade (15 points).

Lab Reports
- Complete the lab report appropriately:
  o Label graphs and tables.
  o Use the data you collected for the calculations and analysis.
  o Use correct units of measurement and significant figures.
  o Use chemical terms and concepts correctly.
  o Ensure results and conclusions are consistent with your data and observations.

- Lab reports are due on Tuesday and/or Thursday evenings at 11:59 p.m. EST. Lab reports submitted after the lab period ends, up to 24 hours late, are worth 50%. Lab reports submitted after 24 hours are worth no (zero) credit. Post-lab discussions are due at the start of the next lab period.
- Lab reports are worth 15 points each. The lowest lab report will be dropped at the end of the semester to account for illnesses, trips, conflicts and other situations, provided you complete at least 6 of 8 lab projects.
• Graded lab reports or post-lab discussions will be returned one week after they are submitted. It is suggested that all students review the graded report worksheets because exams will include lab-related questions. If you have questions about a lab report or post-lab discussion grade, speak with your instructor within one week of the report being returned to you.

Quizzes and Final Exam
Weekly quizzes are a chance for you to demonstrate your comprehension of the course material. There will be six (6) quizzes this summer: two (2) are multiple-choice/numeric-answer, and four (4) are free response worth 50 points each.

Quizzes will be:
• Administered on Fridays (unless otherwise noted), starting June 26
• **Multiple Choice Quizzes** will be administered via Sapling
• **Free Response Quizzes** will be administered via Brightspace
• Open/available for a 24 hour period: Fridays, 12:00 a.m. EDT - 11:59 p.m. EDT
• One attempt - Must be completed in one sitting - do not start the quiz until you are ready
• 45 minute Time Limit – (unless you have extended time accommodations). The quiz is designed to be completed in 30 minutes or less, however, extra time is being provided in case of connectivity issues.

**Summer 2020 Quiz schedule:**

<table>
<thead>
<tr>
<th>Quiz I: Friday</th>
<th>June 26, 2020</th>
<th>12:00 AM, EDT - 11:59 PM, EDT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiz II: Thursday**</td>
<td>July 2, 2020**</td>
<td>12:00 AM, EDT - 11:59 PM, EDT</td>
</tr>
<tr>
<td>Quiz III: Friday</td>
<td>July 10, 2020</td>
<td>12:00 AM, EDT - 11:59 PM, EDT</td>
</tr>
<tr>
<td>Quiz IV: Friday</td>
<td>July 17, 2020</td>
<td>12:00 AM, EDT - 11:59 PM, EDT</td>
</tr>
<tr>
<td>Quiz V: Friday</td>
<td>July 24, 2020</td>
<td>12:00 AM, EDT - 11:59 PM, EDT</td>
</tr>
<tr>
<td>Quiz VI: Friday</td>
<td>July 31, 2020</td>
<td>12:00 AM, EDT - 11:59 PM, EDT</td>
</tr>
</tbody>
</table>

There are NO make-up quizzes and absences are not excused. If you are “absent” for one quiz, your score will appear as a zero until the end of the semester, at which time one zero/lowest score can be dropped. You will receive no score (zero points) for additional missed quizzes.

• Scores for approved GAPS/MAPS leaves, and makeup quizzes required as an approved academic accommodation through the Disability Resource Center will be handled individually. Contact Dr. Jawad and Melissa Roadruck for more information.

• Be sure to use the appropriate calculator.

Final Exam
• Details about the final exam, including content, date, time and location, will be announced.

• The format of the final exam will be multiple-choice/numeric answer administered on Sapling.

• Wait until you know the date of the final exam before you make travel plans that might conflict with the exam. **Final exams will NOT be rescheduled to accommodate travel plans.**

• University policy on Final Exams states: “Students scheduled for more than two (final) examinations in one calendar day are entitled to reschedule any examination in excess of two. It is the responsibility of the student to make necessary arrangements before the last week of regularly scheduled classes.”
Determining your Course Grade, Summer 2020

Each of the assigned course activities for CHM 11600 is worth the number of points listed below. Before course grades are finalized at the end of the semester the following scores will be dropped:

- your one lowest homework score
- your one lowest quiz score
- your one lowest lab score, provided you complete at least 7 of 9 labs.

The total number of points for CHM 11600 will be distributed as follows:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>150 pts</td>
<td>(best 6 of 7 at 25 pts each)</td>
</tr>
<tr>
<td>Lab Projects</td>
<td>105 pts</td>
<td>(best 7 of 8 at 15 pts each)</td>
</tr>
<tr>
<td>Prelab Quizzes</td>
<td>70 pts</td>
<td>(best 7 of 8 at 10 pts each)</td>
</tr>
<tr>
<td>Quizzes</td>
<td>250 pts</td>
<td>(best 5 of 6 at 50 pts each)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>300 pts</td>
<td>(comprehensive)</td>
</tr>
<tr>
<td>Total</td>
<td>875 pts</td>
<td></td>
</tr>
</tbody>
</table>

If you miss, or fail to complete more than 2 labs your course grade will automatically be an F.

Except for approved GAPS or MAPS leaves, there are no excused absences in CHM 11600.

At the end of the semester, the total scores for all students will be arranged in numerical order, the score that corresponds to the 99th percentile ($S_{99}$) will be determined, and then letter grades will be assigned based on this percentile score as follows:

A: Total Score $\geq 0.90 \times S_{99}$
B: $0.80 \times S_{99} \leq$ Total Score $< 0.90 \times S_{99}$
C: $0.70 \times S_{99} \leq$ Total Score $< 0.80 \times S_{99}$
D: $0.60 \times S_{99} \leq$ Total Score $< 0.70 \times S_{99}$
F: Total Score $< 0.60 \times S_{99}$ or if you fail to complete 7 of the 9 lab projects

At various times during the semester, this approach will be used to create tentative grading scales (letter grade cut-offs) which you can use to see how well you are doing in the course.

This grading system has several advantages:

- It lets you know several times during the semester how you are doing in the course.
- Unlike a curved scale, it encourages cooperation among students because no student is penalized when another is successful.
- Unlike an absolute scale, it tends to neutralize the effects of differences from one semester to another and thereby ensures that the same criteria are used to assign grades from one semester to another.
- Check your grades on Brightspace after each quiz. If there are any errors or discrepancies, notify Dr. Jawad within 2 weeks of the quiz.
- Save all returned graded papers and your exams until after you have received your course letter grade for CHM 11600. To resolve any discrepancies, your paper(s) will need to be reviewed.
UNIVERSITY AND COURSE POLICIES

Absences
Verified grief and military absences are the only excused absences in CHM 11600.

- **Grief Absence Policy for Students (GAPS)**
  If you experience the death of a family member or close friend, notify the Office of the Dean of Students at 765-494-1747. Scores for any missed assignments covered under a verified GAPS absence will be pro-rated (assigned a score based on your average grade for that type of assignment). Contact Dr. Jawad, and General Chemistry Administrative Assistant Melissa Roadruck for more information.

- **Military Absence Policy for Students (MAPS)**
  If you are required to complete mandatory military training, notify the Office of the Dean of Students (ODOS) at 765-494-1747 to request that a notice of the leave be sent to instructors. Contact Dr. Jawad, and General Chemistry Administrative Assistant Melissa Roadruck for more information.

- Absence accommodations approved by the Disability Resource Center will be handled individually. Contact Melissa Roadruck for details.

- The lowest lab, quiz, and homework scores are dropped at the end of the term to account for absences due to illnesses, trips, conflicts or other situations. If you have concerns about how an absence will affect your course grade, contact Dr. Jawad at the time of the absence.

- If you experience an absence that is expected to be for an extended period of time (normally a week or more), you should contact the Office of the Dean of Students at 765-494-1747. As a courtesy to the student, a member of the Dean of Students staff will notify your instructor(s) of the circumstances. This intervention does not excuse you or change in any way the outcome of the instructor’s decision regarding your academic work and performance in CHM 11600.

**Changing Sections/Adding/Dropping**

<table>
<thead>
<tr>
<th>UNIVERSITY DEADLINES – Summer 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri., Jun 19: Last day to cancel (drop) a course without it appearing on your record.</td>
</tr>
<tr>
<td>Fri., Jun 26: Last day to cancel (drop) a course without a grade.</td>
</tr>
<tr>
<td>Wed., Jul 15: Last day to cancel (drop) a course (with a passing or failing grade).</td>
</tr>
</tbody>
</table>

**Late Registration:** If you register late, notify Dr. Jawad no later than Friday, June 26 to see about the possibility of making up missed assignments.

**Disability Accommodations**

Purdue University strives to make learning experiences as accessible as possible. If you anticipate or experience physical, or academic barriers based on disability, please let us know, so that we can discuss options. You are also encouraged to contact the Disability Resource Center at: drc@purdue.edu, or by phone: 765-494-1247. If you require accommodations to access course activities or materials, the accommodations must be described and approved by the Disability Resource Center, Young Hall Room 830, 302 Wood Street, www.purdue.edu/drc. To implement accommodations, we must have a copy of your Course Access Letter on file in the General Chemistry Office (BRWN 1144). You will need to email, or send a copy of your letter through FileLocker, to Melissa Roadruck (melissa@purdue.edu). **DO NOT send a copy of your letter to Dr. Jawad through myPurdue.** Implementation of accommodations may not be possible if insufficient notification is given.
**Academic Integrity**

All students are expected to be familiar with Purdue’s policies on academic integrity ([https://www.purdue.edu/odos/academic-integrity/](https://www.purdue.edu/odos/academic-integrity/)).

Academic integrity is one of the highest values that Purdue University holds. Individuals are encouraged to alert university officials to potential breeches of this value by either emailing integrity@purdue.edu or by calling 765-494-8778. Information may be submitted anonymously.

“Dishonesty in connection with any University activity may result in informal action or disciplinary sanctions. Cheating, plagiarism, or knowingly furnishing false information to the University are examples of dishonesty. The commitment of acts of cheating, lying, stealing, and deceit in any of their diverse forms (such as the use of ghost-written papers, the use of substitutes for taking examinations, the use of illegal cribs, plagiarism, and copying during examinations) is dishonest and must not be tolerated. Moreover, knowingly to aid and abet, directly or indirectly, other parties in committing dishonest acts is in itself dishonest.” From University Senate Document 72-18.

In CHM 11600, academic integrity means “doing your own work” at all times. Discussion of chemical concepts is encouraged, but sharing your answers and work on social media for the express purpose of letting other students copy it is not acceptable. Such a use of technology does not help you learn the material and is considered academic dishonesty.

Consequences of academic dishonesty include receiving a lower or failing grade for an assignment, being required to repeat the assignment, receiving a lower or failing grade for the course and/or dismissal from the University. All incidents of academic integrity are referred to the Office of the Dean of Students. A student accused of academic dishonesty will be afforded due process as defined by Purdue University procedures.

This course packet is a contract between CHM 11600 students and instructors. If a student violates the contract by committing an act of academic dishonesty, the instructor reserves the right to alter the terms of the contract (including grading policies) at his/her discretion.

**Nondiscrimination Policy Statement:**

Purdue University is committed to maintaining a community which recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her own potential. In pursuit of its goal of academic excellence, the University seeks to develop and nurture diversity. The University believes that diversity among its many members strengthens the institution, stimulates creativity, promotes the exchange of ideas, and enriches campus life.

Purdue University views, evaluates, and treats all persons in any University related activity or circumstance in which they may be involved, solely as individuals on the basis of their own personal abilities, qualifications, and other relevant characteristics.

Purdue University prohibits discrimination against any member of the University community on the basis of race, religion, color, sex, age, national origin or ancestry, genetic information, marital status, parental status, sexual orientation, gender identity and expression, disability, or status as a veteran. The University will conduct its programs, services and activities consistent with applicable federal, state and local laws, regulations and orders and in conformance with the procedures and limitations as set forth in Purdue’s Equal Opportunity, Equal Access and Affirmative Action policy which provides specific contractual rights and remedies. Additionally, the University promotes the full realization of equal employment opportunity for women, minorities, persons with disabilities and veterans through its affirmative action program.

**Disclaimer:** This syllabus/course packet is subject to change. Students will be notified of any changes via Announcements on Brightspace, and/or email.
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Lecture</th>
<th>Lecture Topic</th>
<th><em>Textbook Chapter/Section</em></th>
<th>Date</th>
<th>Lab (Lab Manual Chapter)</th>
<th>Lab Reading Assignment</th>
<th>Quizzes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>06/15</td>
<td>1</td>
<td>Concentration Expressions</td>
<td>Sec 4.1, 13.5</td>
<td>06/16</td>
<td>NO LAB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>06/16</td>
<td>2</td>
<td>Kinetics</td>
<td>CH 16.1-16.3</td>
<td>06/16</td>
<td>NO LAB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>06/17</td>
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<td>Kinetics</td>
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FINAL EXAMS: TBA - 08/05 - 08/07

*Do NOT make travel plans until you know the date of the final exam.*