

Course Syllabus

[Jump to Today](#)

 [Edit](#)

Syllabus for Chem 3A: Intro Gen Chemistry Reedley College

Section: 53009

Term: Summer 2023

[Jump to Welcome Video](#)

[Jump to Course Home Page](#)

Course Information

Class times: Monday through Thursday at the following times and locations

- Lec. 8:30 am - 11:50am MSCI 204
- Lab 12:20 pm - 3:40 pm MSCI 201

Required Books and Materials:

- Tro, *Introductory Chemistry Essentials*, 3rd-6th Any edition from 3-6 will work for the class. Homework problems are posted for each edition.
- The lab manual will be provided as a free download from Canvas. Experiments and worksheets must be printed out and brought to class.
- Scientific calculator (I recommend the TI-36X Pro; cell phone calculators are **not** acceptable)

Faculty Information

Instructor: Kirk Kawagoe

Office and phone: Zoom! As arranged.

Cell phone: (559) 393-2121 (**text only**, this is the best method of contacting me). I will usually get back to within the hour (or faster).

email: Use the canvas e-mail system. I will get back to you within 24-hours. Do not use my RC email.

Office hours: Daily as arranged

Statement on Academic Dishonesty:

- [Academic Dishonesty](#)

Accommodations

It is our policy not to discriminate against any student. If you suspect that you have any type of physical disability or learning disability that is relevant to your performance in the course, please stop by the disabled student services office and discuss it with them as they may be able to provide services and support that could help you succeed.

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

Attendance

- I will take attendance daily by roll call or using a sign-in sheet.
- Students who have not turned in assignments by 5/26 (Friday), will likely be dropped.

Important dates

- Thursday, June 15: Final Exam. 10 am - noon
 - (Unless otherwise agreed upon by the entire class i.e. Friday, June 16: Final Exam. 10 am - noon)

Exams

four multiple choice exams will be given in this class. In chemistry, topics build on one another; therefore, all exams are comprehensive. Make-up exams will generally not be given. **Exam are all closed book, but** certain constants, conversion factors and equations will be provided on exams. Examples of information given can be found on Canvas.

Extra Credit

Extra credit assignments will not be given.

Grading

A summary of your grades, including a projected course grade, is available on Canvas. To receive a passing grade, you must have at **least a 70% lab average and a 65% exam average** regardless of your success in the rest of the course.

The grading scale will be based on a straight percentage:

- A = 90% - 100%
- B = 80% - 89%
- C = 70% - 79%

- D = 60% - 69%
- F = 0% - 59%

The final grade will be calculated using weighted categories:

- 10% Homework
- 25% Lab reports/worksheets. You must successfully complete Experiment 11B to pass the class. In addition, you must receive at a 70% average in lab to pass the course.
- 50% Exams. Your exam average must be at least 60% to pass the class with a grade of C or better.
- 15% Final Exam

Homework

Homework is due following the completion of each chapter (see Schedule on Canvas).

Lab

Lab work will follow as closely as possible the material discussed in the lectures. There is no published lab manual for this course. All the lab assignments and experiments are available on Canvas.

For each experiment:

- Download the experiment file.
 - Optional, if a lab video exists, you can watch it to get an idea of what is going on.
- Come to class and perform the experiment.
- Fill out the experiment data sheets
- Complete the calculations in the prelab, experiment, and postlab assignments
- Turn them in at the end of class.

Late Work






Points are deducted for each day the assignment is late up to 20% (4% per day). However, assignments are only available for upload until the following Sunday at Midnight. This is encourage you to get caught up each weekend.

Success in Chemistry


- Do not underestimate the time required for this class.
- Do not fall behind. Chemistry is cumulative and builds upon earlier concepts.
- Try and read ahead of the class schedule. Work through the examples in the text. Take notes while watching lecture videos.
- Check in EVERY DAY.
- Study for understanding. Critical thinking is a requirement for success in Chem 3A.

- Always show your work, including all units and considering significant figures.
- Complete and turn in all assignments. Work extra problems.
- Consider forming a study group.
- Ask for help. Text or email me with questions any time (literally). I will reply at my earliest convenience.

Course Summary:

Date	Details	Due
Mon May 22, 2023	 Worksheet 2b (https://scccd.instructure.com/courses/95727/assignments/2709199)	due by 11:59pm
Tue May 23, 2023	 Exp 3 - Densities of Liquids and Solids (https://scccd.instructure.com/courses/95727/assignments/2709172)	due by 11:59pm
	 Hwk 1 & 2 (Chapters 1 & 2) (https://scccd.instructure.com/courses/95727/assignments/2709173)	due by 11:59pm
Wed May 24, 2023	 Hwk 3 (https://scccd.instructure.com/courses/95727/assignments/2709181)	due by 11:59pm
	 Lab 4 - Mole (https://scccd.instructure.com/courses/95727/assignments/2709192)	due by 11:59pm
Thu May 25, 2023	 Hwk 4 (https://scccd.instructure.com/courses/95727/assignments/2709182)	due by 11:59pm
Fri May 26, 2023	 Exp 1 - Properties and Changes of Matter (https://scccd.instructure.com/courses/95727/assignments/2709171)	due by 11:59pm
	 Nomenclature Worksheets (https://scccd.instructure.com/courses/95727/assignments/2709197)	due by 11:59pm
Sat May 27, 2023	 Introductions (https://scccd.instructure.com/courses/95727/assignments/2709162)	due by 11:59pm
Mon May 29, 2023	 Hwk 6 (https://scccd.instructure.com/courses/95727/assignments/2709184)	due by 11:59pm

Date	Details	Due
	 Exam 1 (Ch 1-4) https://scccd.instructure.com/courses/95727/assignments/2718427	due by 11:59pm
	 Hwk 5 https://scccd.instructure.com/courses/95727/assignments/2709183	due by 11:59pm
Tue May 30, 2023	 Hwk 7 https://scccd.instructure.com/courses/95727/assignments/2709185	due by 11:59pm
Wed May 31, 2023	 Lab 14 Online (Molar Mass) https://scccd.instructure.com/courses/95727/assignments/2709190	due by 11:59pm
	 Lab 5 - Empirical Formula https://scccd.instructure.com/courses/95727/assignments/2709193	due by 11:59pm
Thu Jun 1, 2023	 Hwk 12 (Ch 11) https://scccd.instructure.com/courses/95727/assignments/2709176	due by 11:59pm
	 Lab 13 - Formula of a Hydrate https://scccd.instructure.com/courses/95727/assignments/2709189	due by 11:59pm
Mon Jun 5, 2023	 Exam 2 https://scccd.instructure.com/courses/95727/assignments/2718429	due by 11:59pm
	 Hwk 8 https://scccd.instructure.com/courses/95727/assignments/2709186	due by 11:59pm
	 Lab 7. Reaction Types https://scccd.instructure.com/courses/95727/assignments/2709194	due by 11:59pm
Tue Jun 6, 2023	 Hwk 14 (Ch 13) https://scccd.instructure.com/courses/95727/assignments/2709178	due by 11:59pm
	 Lab 11b Online https://scccd.instructure.com/courses/95727/assignments/2709188	due by 11:59pm
	 Hwk 9 https://scccd.instructure.com/courses/95727/assignments/2709187	due by 11:59pm
Wed Jun 7, 2023	 pH worksheet https://scccd.instructure.com/courses/95727/assignments/2709200	due by 11:59pm

Date	Details	Due
	 Hwk 10 https://scccd.instructure.com/courses/95727/assignments/2709174	due by 11:59pm
	 Hwk 11 (Ch 15) https://scccd.instructure.com/courses/95727/assignments/2709175	due by 11:59pm
	 Hwk 13 (Ch 12) https://scccd.instructure.com/courses/95727/assignments/2709177	due by 11:59pm
	 Lab 2 Online https://scccd.instructure.com/courses/95727/assignments/2709191	due by 11:59pm
Thu Jun 8, 2023	 Lewis Dot wks https://scccd.instructure.com/courses/95727/assignments/2709196	due by 11:59pm
Fri Jun 9, 2023	 That one thing. https://scccd.instructure.com/courses/95727/assignments/2709161	due by 11:59pm
	 Exam 2 Regrade https://scccd.instructure.com/courses/95727/assignments/2741704	due by 11:59pm
	 Exam 3 https://scccd.instructure.com/courses/95727/assignments/2741051	due by 11:59pm
Mon Jun 12, 2023	 Hwk 15 (Ch 14) https://scccd.instructure.com/courses/95727/assignments/2709179	due by 11:59pm
	 Lab 9 Online https://scccd.instructure.com/courses/95727/assignments/2709195	due by 11:59pm
Tue Jun 13, 2023	 Hwk 16 (Ch 17) https://scccd.instructure.com/courses/95727/assignments/2709180	due by 11:59pm
	 Home Computer Survey https://scccd.instructure.com/courses/95727/assignments/2709160	
	 Roll Call Attendance https://scccd.instructure.com/courses/95727/assignments/2716348	

Academic Dishonesty

Academic Dishonesty

Academic dishonesty (cheating, plagiarism) is unacceptable and will not be tolerated.


Because cheating, plagiarism and collusion in dishonest activities erode the integrity of Reedley College, each student is expected to exert an entirely honest effort in all academic endeavors. Academic dishonesty in any form is a very serious offense and will incur serious consequences. Working together on homework and labs is encouraged, but **your individual work must be evident**. Do not allow others to copy directly from your work.

Cheating is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers, in an attempt to gain an unearned academic advantage. Cheating may include, but is not limited to: copying from another's work, supplying one's work to another, giving or receiving copies of examinations without an instructor's permission, using or displaying notes or devices inappropriate to the conditions of an examination, allowing someone other than the officially enrolled student to represent the student, failing to disclose research results completely, or encouraging, permitting, or assisting another to do any act that could subject him or her to discipline.

Plagiarism is a specific form of cheating: the use of another's words or ideas without identifying them as such or giving credit to the source. Plagiarism may include, but is not limited to: failing to provide complete citations and references for all work that draws on the ideas, words, or work of others, failing to identify the contributors to work done in collaboration, submitting duplicate work to be evaluated in different courses without the knowledge and consent of the instructors involved, or encouraging, permitting, or assisting another to do any act that could subject him or her to discipline.

Possible Penalties: Incidents of cheating and plagiarism shall constitute good cause for discipline, including but not limited to the removal, suspension, or expulsion of the student (California Education Code Section 66300, Accreditation Standard II.A.7.b, AR5500, SCCC BP5500). Instructors may also impose a variety of sanctions and penalties, which may range from a constructive dialogue with the student, a point deduction, a failing grade of "F" or a zero (0) on the particular examination, paper, project, or assignment in question, to a failing grade in the course at the discretion of the instructor depending upon the severity and frequency of the incidents.

The colleges policies on academic dishonesty can be found at:

- <https://www.reedleycollege.edu/about/about-us/policies-and-procedures/student%20conduct%20standards.html> 
(<https://www.reedleycollege.edu/about/about-us/policies-and-procedures/student%20conduct%20standards.html>)

- https://www.reedleycollege.edu/admissions-aid/catalogs/catalog2022_2023_web.pdf 
(https://www.reedleycollege.edu/admissions-aid/catalogs/catalog2022_2023_web.pdf)
 - Pages 47-48